

Converting Colors

HunterLab(39.3538, 12.2841,
-70.3762)

Have a look what the booklet for
HunterLab(39.3538, 12.2841,
-70.3762) contains.

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Color

**HunterLab(39.3538, 12.2841,
-70.3762)**

Conversions

Conversions Part 1	
Format	Color
Hex	246AD5
RGB	36, 106, 213
RGB Percent	14%, 42%, 84%
CMY	0.8588, 0.5843, 0.1647
CMYK	0.83, 0.50, 0.00, 0.16
HSL	216°, 71%, 49%
HSV	216°, 83%, 84%
XYZ	17.8918, 15.4872, 64.9971
YIQ	97.2680, -76.0670, 18.4370

Conversions

Conversions Part 2

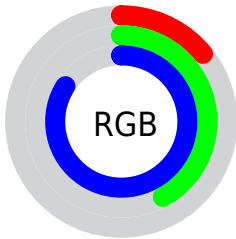
Format	Color
RYB	36, 86, 213
Decimal	2386645
CIELab	46.29, 18.05, -60.99
CIELCh	46, 63.609, 286.482
Yxy	15.4876, 0.1819, 0.1574
Android (android.graphics.Color)	4280576725 (0xFF246AD5)
YUV	97.2680, 57.0559, -53.7320
Hunter-Lab	39.3538, 12.2841, -70.3762

Details

The HunterLab color **39.3538, 12.2841, -70.3762** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **58.2444, 13.2569, 34.4215**, and the grayscale version is **34.4905, -1.8403, 1.8739**.

A 20% lighter version of the original color is **58.9735, 8.1490, -58.6337**, and **23.8034, 16.0981, -64.5034** is the 20% darker color. If you saturate the color by 10%, you get **35.7122, 18.1156, -82.1899**, and if you desaturate by 10%, it is **43.4142, 7.4820, -59.0885**.

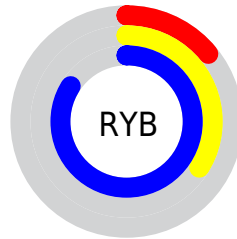
Distribution



Red (14%)

Green (42%)

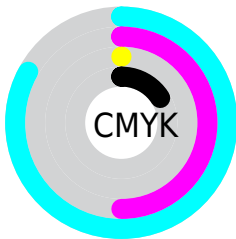
Blue (84%)



Red (14%)

Yellow (34%)

Blue (84%)

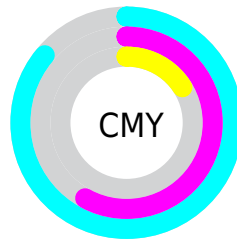


Cyan (83%)

Magenta (50%)

Yellow (0%)

Black (16%)



Cyan (86%)

Magenta (58%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3538, 12.2841, -70.3762 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 39.3538, 12.2841, -70.3762 by changing the saturation by 10% instead.

 39.3538, 12.2841, -70.3762	 39.3538, 12.2841, -70.3762
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

150.4324, 13.5984, -76.4265	 30.2693, 11.7317, -70.8877
--------------------------------	-----------------------------------------------------------------------------------------------------------------


 59.7548, 13.0822, -70.9470	 22.0164, 11.0511, -72.6154
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

 70.9709, 13.3503, -71.5963	 14.6898, 10.2194, -76.9700
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

 82.8122, 13.5438, -72.3512	 8.3480, 9.5712, -89.1906
-----------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

 95.2475, 13.6698, -73.1594	0.0000, INF, -NF
-------------------------------------------------------------------------------------------------------------------	------------------

	0.0000, NaN, -NF
--	------------------

 108.2495, 13.7338, -73.9887	0.0000, NaN, -NF
--------------------------------------------------------------------------------------------------------------------	------------------

121.7946, 13.7407,	0.0000, NaN, -NF
--------------------	------------------

-74.8180

0.0000, NaN, NaN

135.8618, 13.6944,
-75.6336

■ 39.3538, 12.2841,
-70.3762

■ 39.3538, 12.2841,
-70.3762

■ 35.7122, 18.1156,
-82.1899

■ 43.4142, 7.4820,
-59.0885

■ 33.4360, 22.6228,
-90.6282

■ 47.8397, 3.6701,
-48.4755

■ 52.5810, 0.7492,
-38.5700

■ 57.5951, -1.4005,
-29.3383

■ 62.8459, -2.8950,
-20.7145

■ 68.3038, -3.8370,
-12.6224

■ 73.9444, -4.3135,
-4.9867

■ 79.7479, -4.3967,
2.2611

■ 85.6977, -4.1460,
9.1811

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.3543, -12.5908, -71.8681



39.3538, 12.2841, -70.3762



39.3543, 38.5565, -43.3375

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.3543, 12.2854, -70.3751



39.3543, 36.1913, 22.8297



39.3543, -38.4273, 11.3001

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.3538, 12.2841, -70.3762



58.2444, 13.2569, 34.4215

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.3543, -30.9386, 22.2716



39.3538, 12.2841, -70.3762



39.3543, 9.6153, 25.6091

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.3543, 12.2854, -70.3751



39.3543, 54.5173, 12.9172



39.3543, -14.6797, 25.4983



39.3543, -38.0495, -12.9364

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.3538, 12.2841, -70.3762



39.3543, 51.5422, -20.4618



39.3543, -14.6797, 25.4983



39.3543, -36.8445, 16.2328

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.3543, 12.2854, -70.3751



82.2651, -4.5054, -17.5730



70.6565, -49.3232, 21.1317



36.9565, -1.9061, -9.7483

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3543, 12.2854, -70.3751



40.6137, 28.6385, -112.5860



26.1599, 50.7569, -125.6670



35.7859, -2.0639, -1.0766



26.4867, 16.8410, -69.4609



7.6308, 1.7372, -13.2881

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.5582, 64.0206, 6.1792



47.1129, 82.6696, 15.0383



77.0446, -26.6386, 45.7226



35.3572, 1.8598, 1.3351



30.0883, 52.8963, 8.8288



7.4974, 13.3852, 0.6144

Previews

White Background



This preview shows how the HunterLab color 39.3538, 12.2841, -70.3762 looks on a white background.

Color Contrast Check

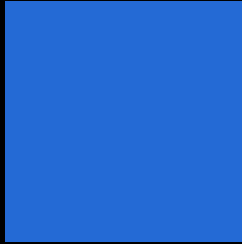
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 39.3538, 12.2841, -70.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

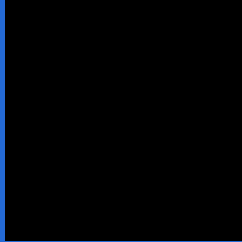
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 39.3538, 12.2841, -70.3762 Background



This preview shows how black text looks on a background with the HunterLab color 39.3538, 12.2841, -70.3762.



This preview shows how white text looks on a background with the HunterLab color 39.3538, 12.2841, -70.3762.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.3538, 12.2841, -70.3762

Protanopia

39.2328, 13.1200, -69.7262

Deuteranopia

39.0691, 2.0899, -53.3443



Tritanopia

39.0637, -19.0121, -7.7845

Trichromacy



Original Color

39.3538, 12.2841, -70.3762

Protanomaly

39.1510, 12.8672, -69.9775

Deuteranomaly

39.0383, 5.6523, -59.7703

Tritanomaly

38.8773, -9.4652, -26.9296

Monochromacy



Original Color

39.3538, 12.2841, -70.3762

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.3189, -0.5593, -19.2506

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3538, 12.2841, -70.3762 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(36, 106, 213)` looks like.

```
.text, #text, p{  
    color:rgb(36, 106, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(36, 106, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 106, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3538, 12.2841, -70.3762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 106, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(36, 106, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(36, 106, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 106, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 106, 213);  
box-shadow:4px 4px 4px 4px rgb(36, 106,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.3538, 12.2841, -70.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 106, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(36, 106,  
213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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