

Converting Colors

HunterLab(36.7446, 10.4656,
-42.3331)

Have a look what the booklet for
HunterLab(36.7446, 10.4656,
-42.3331) contains.

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Color

**HunterLab(36.7913, 10.3983,
-42.5066)**

Conversions

Conversions Part 1

Format	Color
Hex	5062AF
RGB	80, 98, 175
RGB Percent	31%, 38%, 69%
CMY	0.6863, 0.6157, 0.3137
CMYK	0.54, 0.44, 0.00, 0.31
HSL	229°, 37%, 50%
HSV	229°, 54%, 69%
XYZ	15.4138, 13.5360, 42.3578
YIQ	101.3960, -35.4450, 20.1310

Conversions

Conversions Part 2

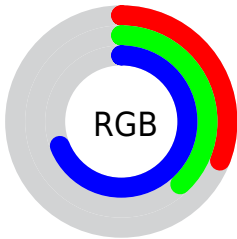
Format	Color
R _Y B	80, 95, 175
Decimal	5268143
CIE Lab	43.56, 15.94, -43.31
CIE LCh	44, 46.150, 290.206
Yxy	13.5364, 0.2162, 0.1898
Android (android.graphics.Color)	4283458223 (0xFF5062AF)
YUV	101.3960, 36.2868, -18.7643
Hunter-Lab	36.7913, 10.3983, -42.5066

Details

The HunterLab color $36.7913, 10.3983, -42.5066$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $58.1451, -6.0186, 27.9836$, and the grayscale version is $36.1016, -1.9263, 1.9615$.

A 20% lighter version of the original color is $56.6571, 11.1358, -44.0078$, and $19.9065, 9.4409, -42.4083$ is the 20% darker color. If you saturate the color by 10%, you get $32.3232, 14.7412, -54.2190$, and if you desaturate by 10%, it is $41.5858, 6.7889, -32.0804$.

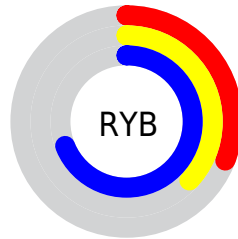
Distribution



Red (31%)

Green (38%)

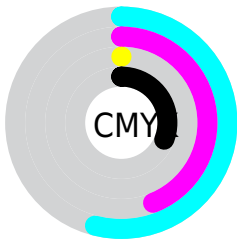
Blue (69%)



Red (31%)

Yellow (37%)

Blue (69%)

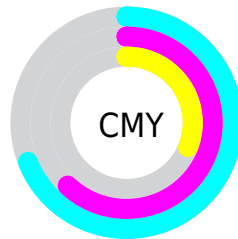


Cyan (54%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (69%)

Magenta (62%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7913, 10.3983, -42.5066 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 36.7913, 10.3983, -42.5066 by changing the saturation by 10% instead.

■ 36.7913, 10.3983,
-42.5066

■ 36.7913, 10.3983,
-42.5066

■ 146.3993, 11.0644,
-48.0986

■ 27.9266, 9.9255,
-42.1351

■ 56.8016, 11.0384,
-43.7616

■ 19.9163, 9.3254,
-42.2513

■ 67.8405, 11.2309,
-44.4608

■ 12.8642, 8.5714,
-43.5581

■ 79.5142, 11.3507,
-45.1536

■ 6.2784, 10.7276,
-54.3636

■ 91.7899, 11.4049,
-45.8216

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.6395, 11.3991,
-46.4546

0.0000, NaN, NaN

118.0383, 11.3379,

0.0000, NaN, NaN

-47.0468

0.0000, NaN, NaN

131.9646, 11.2252,
-47.5953

■ 36.7913, 10.3983,
-42.5066

■ 36.7913, 10.3983,
-42.5066

■ 32.3232, 14.7412,
-54.2190

■ 41.5858, 6.7889,
-32.0804

■ 28.2623, 19.9363,
-67.3200

■ 46.6444, 3.7759,
-22.7450

■ 24.7188, 26.0003,
-81.5944

■ 51.9234, 1.2391,
-14.2952

■ 21.8262, 32.6704,
-96.1525

■ 57.3898, -0.9192,
-6.5534

■ 20.4730, 36.4168,
-104.2029

■ 63.0188, -2.7756,
0.6254

■ 68.7912, -4.3894,
7.3559

■ 74.6917, -5.8064,
13.7285

■ 80.7084, -7.0622,
19.8140

■ 86.8313, -8.1849,
25.6682

Harmonies

Analogous

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



36.7919, -7.5182, -45.5911



36.7913, 10.3983, -42.5066



36.7919, 27.6367, -24.9534

Triad

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



36.7919, 10.3987, -42.5056



36.7919, 22.1543, 19.0891



36.7919, -29.6081, 7.0443

Complementary

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



36.7913, 10.3983, -42.5066



58.1451, -6.0186, 27.9836

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.



36.7919, -24.4220, 17.1682



36.7913, 10.3983, -42.5066



36.7919, 3.9383, 21.6467

Square

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



36.7919, 10.3987, -42.5056



36.7919, 35.2554, 11.4351



36.7919, -12.8850, 21.1620



36.7919, -28.5266, -10.8633

Rectangle

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



36.7913, 10.3983, -42.5066



36.7919, 35.3684, -10.5757



36.7919, -12.8850, 21.1620



36.7919, -28.5837, 11.2803

Sweetspot

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



36.7919, 10.3987, -42.5056



75.3264, -0.6895, -10.7694



58.9629, -28.5928, 4.2045



34.8142, -0.0599, -6.0432



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



36.7919, 10.3987, -42.5056



42.2124, 20.9175, -75.6459



34.7173, 25.8929, -47.4182



28.2731, -0.8825, -1.3679



17.5245, 30.1269, -86.9394



3.9503, 2.1852, -9.6548

Inverse Universe

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



39.6659, 32.9749, 7.7467



48.0072, 54.1702, 13.2215



61.1527, -23.1808, 29.9171



28.3535, 1.1543, 1.7536



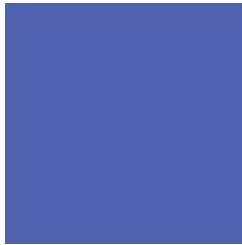
25.7159, 44.3747, 14.0166



4.3715, 7.7042, 1.1352

Previews

White Background



This preview shows how the HunterLab color 36.7913, 10.3983, -42.5066 looks on a white background.

Color Contrast Check

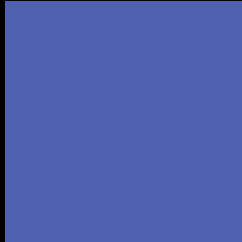
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7913, 10.3983, -42.5066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

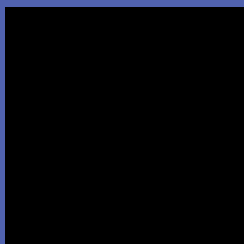
Any Text WCAG AA × Fail

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 36.7913, 10.3983, -42.5066 Background



This preview shows how black text looks on a background with the HunterLab color 36.7913, 10.3983, -42.5066.



This preview shows how white text looks on a background with the HunterLab color 36.7913, 10.3983, -42.5066.

-42.5066.

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

36.7913, 10.3983, -42.5066

Protanopia

36.8156, 8.0442, -44.1606

Deuteranopia

36.9955, 2.8378, -41.3301



Tritanopia

36.6666, -11.7403, -5.8329

Trichromacy



Original Color

36.7913, 10.3983, -42.5066

Protanomaly

36.7080, 8.9252, -43.5669

Deuteranomaly

36.8549, 5.1408, -41.6212

Tritanomaly

36.5588, -4.7576, -17.1695

Monochromacy



Original Color

36.7913, 10.3983, -42.5066

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.0555, 1.1018, -11.3457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7913, 10.3983, -42.5066 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(80, 98, 175)` looks like.

```
.text, #text, p{  
    color:rgb(80, 98, 175)  
}
```

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(80, 98, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 98, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7913, 10.3983, -42.5066 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(80, 98, 175) }
```


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

```
.border{ border-color:rgb(80, 98, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 98, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 98, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 98, 175);  
box-shadow:4px 4px 4px 4px rgb(80, 98,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7913, 10.3983, -42.5066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 98, 175) }
```

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

```
.background{ background-color: rgb(80, 98,  
175) }
```

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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