

Converting Colors

HunterLab(44.3622, -2.4515,
-46.9760)

Have a look what the booklet for
HunterLab(44.3622, -2.4515,
-46.9760) contains.

HunterLab(44.3733, -2.3126, -47.3589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(44.3733, -2.3126,
-47.3589)**

Conversions

Conversions Part 1	
Format	Color
Hex	1C7FCA
RGB	28, 127, 202
RGB Percent	11%, 50%, 79%
CMY	0.8901, 0.5020, 0.2078
CMYK	0.86, 0.37, 0.00, 0.21
HSL	206°, 76%, 45%
HSV	206°, 86%, 79%
XYZ	18.7289, 19.6899, 58.6906
YIQ	105.9490, -83.0790, 2.3370

Conversions

Conversions Part 2

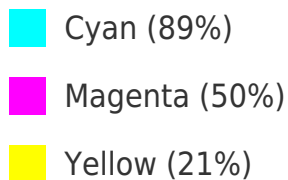
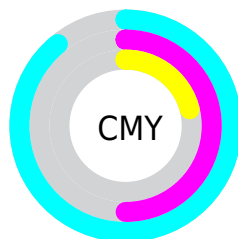
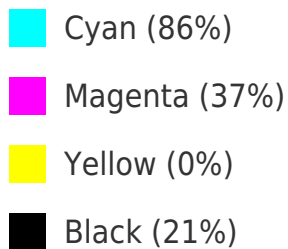
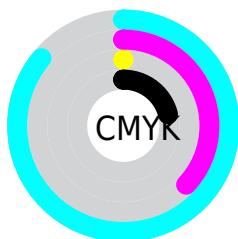
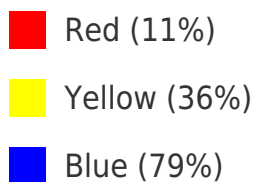
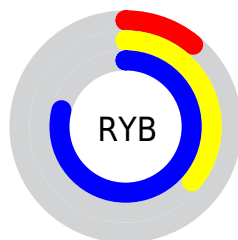
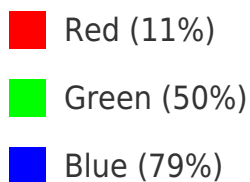
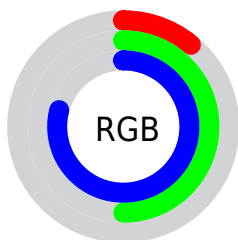
Format	Color
RYB	28, 91, 202
Decimal	1867722
CIELab	51.49, 0.07, -46.41
CIELCh	51, 46.413, 270.093
Yxy	19.6905, 0.1929, 0.2028
Android (android.graphics.Color)	4280057802 (0xFF1C7FCA)
YUV	105.9490, 47.3531, -68.3613
Hunter-Lab	44.3733, -2.3126, -47.3589

Details

The HunterLab color **44.3733, -2.3126, -47.3589** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **47.2705, 28.3683, 28.2450**, and the grayscale version is **37.7961, -2.0167, 2.0535**.

A 20% lighter version of the original color is **65.1640, -4.4788, -46.0043**, and **27.7463, 3.3122, -41.8304** is the 20% darker color. If you saturate the color by 10%, you get **41.6423, 1.1611, -53.8779**, and if you desaturate by 10%, it is **47.3545, -5.0190, -40.8695**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 44.3733, -2.3126, -47.3589 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 44.3733, -2.3126, -47.3589 by changing the saturation by 10% instead.


 44.3733, -2.3126,
-47.3589


 44.3733, -2.3126,
-47.3589


158.1881, -8.3600,
-53.2187


 34.8859, -1.8095,
-46.8689


 65.4963, -3.4319,
-48.7080

 26.1911, -1.3500,
-46.7123


 77.0412, -4.0448,
-49.4327


 18.3699, -0.9377,
-47.2889

 89.1944, -4.6905,
-50.1479

 11.5337, -0.5788,
-49.6719

 101.9270, -5.3672,
-50.8383

 4.0553, -0.1360,
-86.4602

 115.2137, -6.0736,
-51.4946

0.0000, NaN, -NF

0.0000, NaN, -NF

129.0322, -6.8086,

-52.1118

0.0000, NaN, NaN

143.3629, -7.5711,
-52.6870

0.0000, NaN, NaN

■ 44.3733, -2.3126,
-47.3589

■ 44.3733, -2.3126,
-47.3589

■ 41.6423, 1.1611,
-53.8779

■ 47.3545, -5.0190,
-40.8695

■ 40.6301, 2.6283,
-56.4580

■ 50.5781, -6.9499,
-34.4580

■ 54.0303, -8.1417,
-28.1664

■ 57.6939, -8.6536,
-22.0243

■ 61.5512, -8.5530,
-16.0470

■ 65.5854, -7.9081,
-10.2391

■ 69.7808, -6.7830,
-4.5971

■ 74.1234, -5.2355,
0.8873

■ 78.6005, -3.3169,
6.2255

Harmonies

Analogous

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



44.3740, -18.9464, -38.7594



44.3733, -2.3126, -47.3589



44.3740, 17.1828, -38.6592

Triad

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



44.3740, -2.3118, -47.3579



44.3740, 33.3120, 16.3951



44.3740, -29.4865, 16.3337

Complementary

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



44.3733, -2.3126, -47.3589



47.2705, 28.3683, 28.2450

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.



44.3740, -19.0318, 23.0166



44.3733, -2.3126, -47.3589



44.3740, 17.0652, 23.0404

Square

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



44.3740, -2.3118, -47.3579



44.3740, 39.7223, 2.4708



44.3740, -2.4283, 24.8399



44.3740, -32.9626, 2.3600

Rectangle

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



44.3733, -2.3126, -47.3589



44.3740, 28.7944, -25.6857



44.3740, -2.4283, 24.8399



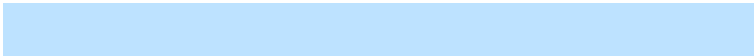
44.3740, -26.7679, 19.2601

Sweetspot

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



44.3740, -2.3118, -47.3579



85.2183, -10.3164, -13.4921



65.8928, -50.5002, 28.7530



38.5624, -4.9416, -7.4590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.3740, -2.3118, -47.3579



52.4344, 4.1950, -74.5942



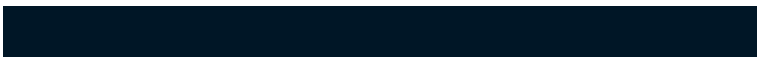
24.9086, 42.3086, -116.9161



34.4755, -2.7439, -0.4226



32.8673, 1.6213, -44.5811



8.4041, -1.1932, -7.9287

Inverse Universe

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



38.6270, 64.5848, -5.8877



48.2769, 86.9150, -1.6665



69.5664, -12.8336, 41.7044



33.6435, 2.0074, 0.5750



29.8220, 53.7989, -1.8755



6.8837, 12.6166, -1.9718

Previews

White Background



This preview shows how the HunterLab color 44.3733, -2.3126, -47.3589 looks on a white background.

Color Contrast Check

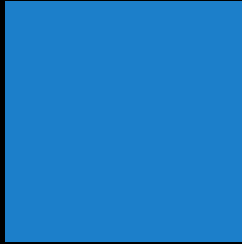
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 44.3733, -2.3126, -47.3589 looks on a black 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

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

HunterLab 44.3733, -2.3126, -47.3589 Background



This preview shows how black text looks on a background with the HunterLab color 44.3733, -2.3126, -47.3589.



This preview shows how white text looks on a background with the HunterLab color 44.3733, -2.3126, -47.3589.

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

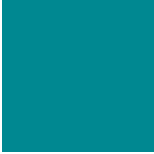
44.3733, -2.3126, -47.3589

Protanopia

44.1146, 7.6151, -42.0739

Deuteranopia

44.3922, 3.7238, -48.0416



Tritanopia

44.3313, -21.5511, -8.8877

Trichromacy



Original Color

44.3733, -2.3126, -47.3589

Protanomaly

43.8879, 2.9406, -45.0805

Deuteranomaly

44.1407, 1.4291, -48.6667

Tritanomaly

44.2637, -15.3763, -21.3174

Monochromacy



Original Color

44.3733, -2.3126, -47.3589

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.4682, -5.9023, -13.6381

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.3733, -2.3126, -47.3589 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(28, 127, 202)` looks like.

```
.text, #text, p{  
    color:rgb(28, 127, 202)  
}
```

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(28, 127, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 127, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 44.3733, -2.3126, -47.3589 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(28, 127, 202) }
```


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

```
.border{ border-color:rgb(28, 127, 202) }
```

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

Here you see how a box with a 4 pixel rgb(28, 127, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 127, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 127, 202);  
box-shadow:4px 4px 4px 4px rgb(28, 127,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.3733, -2.3126, -47.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 127, 202) }
```

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

```
.background{ background-color: rgb(28, 127,  
202) }
```

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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