

Converting Colors

HunterLab(42.1890, 29.0517,
-106.4510)

Have a look what the booklet for
HunterLab(42.1890, 29.0517,
-106.4510) contains.

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Color

**HunterLab(42.1886, 29.0499,
-106.4528)**

Conversions

Conversions Part 1	
Format	Color
Hex	3268FF
RGB	50, 104, 255
RGB Percent	20%, 41%, 100%
CMY	0.8038, 0.5922, 0.0000
CMYK	0.80, 0.59, 0.00, 0.00
HSL	224°, 100%, 60%
HSV	224°, 80%, 100%
XYZ	24.3157, 17.7988, 96.7618
YIQ	105.0680, -80.6550, 35.5130

Conversions

Conversions Part 2

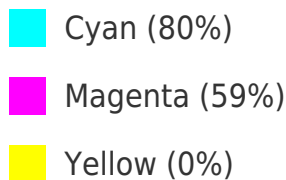
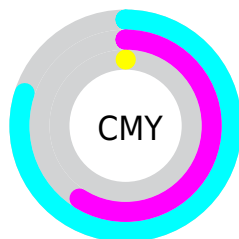
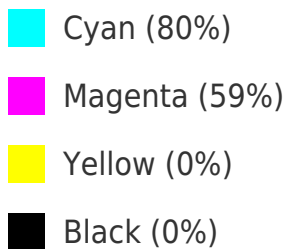
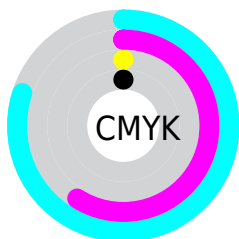
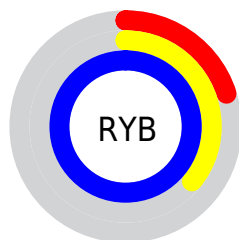
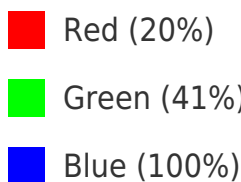
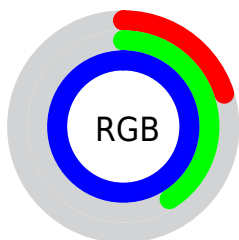
Format	Color
RYB	50, 93, 255
Decimal	3303679
CIELab	49.25, 36.16, -79.78
CIELCh	49, 87.592, 294.380
Yxy	17.7991, 0.1751, 0.1282
Android (android.graphics.Color)	4281493759 (0xFF3268FF)
YUV	105.0680, 73.9165, -48.2946
Hunter-Lab	42.1886, 29.0499, -106.4528

Details

The HunterLab color **42.1886, 29.0499, -106.4528** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **79.5442, 1.5150, 46.7904**, and the grayscale version is **37.3636, -1.9936, 2.0300**.

A 20% lighter version of the original color is **59.4389, 12.5755, -57.5246**, and **26.5656, 31.3931, -100.9735** is the 20% darker color. If you saturate the color by 10%, you get **37.3517, 38.3586, -126.4876**, and if you desaturate by 10%, it is **47.8010, 21.0885, -87.5229**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1886, 29.0499, -106.4528 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 42.1886, 29.0499, -106.4528 by changing the saturation by 10% instead.


 42.1886, 29.0499, -106.4528	 42.1886, 29.0499, -106.4528
--	--

154.8342, 36.6517, -110.2349	 32.8723, 27.6971, -108.6505
---------------------------------	--

 63.0038, 31.3939, -105.2547	 24.3648, 26.2112, -113.0886
--	--

 74.4083, 32.4009, -105.4743	 16.7525, 24.6057, -122.0437
--	--

 86.4283, 33.3109, -105.9813	 10.1565, 22.9658, -141.8940
--	--

 99.0338, 34.1319, -106.6728	0.0000, INF, -NF
--	------------------

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

112.1987, 34.8709, -107.4821	0.0000, NaN, -NF
---------------------------------	------------------

125.9002, 35.5337,	0.0000, NaN, -NF
--------------------	------------------

-108.3645

0.0000, NaN, -NF

140.1181, 36.1258,
-109.2893

■ 42.1886, 29.0499,
-106.4528

■ 42.1886, 29.0499,
-106.4528

■ 37.3517, 38.3586,
-126.4876

■ 47.8010, 21.0885,
-87.5229

■ 33.5447, 48.0743,
-145.7065

■ 54.0424, 14.5159,
-70.2395

■ 60.7944, 9.1849,
-54.6445

■ 67.9654, 4.8931,
-40.5660

■ 75.4859, 1.4483,
-27.7697

■ 83.3033, -1.3121,
-16.0276

■ 91.3773, -3.5192,
-5.1414

99.6766, -5.2760,
5.0529

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



42.1890, -8.6052, -122.7385



42.1886, 29.0499, -106.4528



42.1890, 67.0321, -54.0946

Triad

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



42.1890, 29.0517, -106.4510



42.1890, 44.1870, 28.1850



42.1890, -50.3103, 8.0639

Complementary

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



42.1886, 29.0499, -106.4528



79.5442, 1.5150, 46.7904

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.



42.1890, -44.0143, 25.0858



42.1886, 29.0499, -106.4528



42.1890, 4.4980, 29.5323

Square

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



42.1890, 29.0517, -106.4510



42.1890, 77.5700, 21.0206



42.1890, -26.4612, 29.0278



42.1890, -47.5202, -33.3062

Rectangle

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



42.1886, 29.0499, -106.4528



42.1890, 83.3994, -18.6750



42.1890, -26.4612, 29.0278



42.1890, -49.2723, 16.0858

Sweetspot

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



42.1890, 29.0517, -106.4510



80.4456, -0.3842, -20.1643



87.3983, -55.8499, 15.6662



35.9307, 0.2805, -11.2696

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.1890, 29.0517, -106.4510



35.0327, 44.0177, -137.7586



34.7722, 63.4390, -138.7784



42.6093, -1.7074, -1.9516



24.6680, 33.4450, -103.0311



8.7275, 7.5418, -27.1891

Inverse Universe

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



49.5402, 75.0137, 16.1656



46.8880, 80.1572, 21.9536



92.2174, -41.1459, 54.1621



42.5037, 2.0761, 2.2715



33.6783, 58.3682, 16.3889



10.5898, 18.5113, 3.9288

Previews

White Background



This preview shows how the HunterLab color 42.1886, 29.0499, -106.4528 looks on a white background.

Color Contrast Check

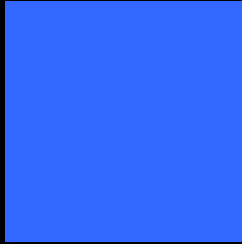
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.1886, 29.0499, -106.4528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

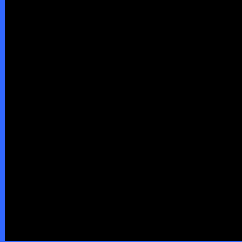
Any Text WCAG AA ✓ Pass

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 42.1886, 29.0499, -106.4528 Background



This preview shows how black text looks on a background with the HunterLab color 42.1886, 29.0499, -106.4528.



This preview shows how white text looks on a background with the HunterLab color 42.1886, 29.0499, -106.4528.

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

42.1886, 29.0499, -106.4528

Protanopia

42.0747, 15.8014, -86.7003

Deuteranopia

41.8966, 1.2219, -55.0050



Tritanopia

41.8410, -20.4681, -8.1129

Trichromacy



Original Color

42.1886, 29.0499, -106.4528

Protanomaly

41.9494, 20.4022, -94.7612

Deuteranomaly

41.8222, 10.4059, -73.0176

Tritanomaly

41.0571, -5.7482, -37.1572

Monochromacy



Original Color

42.1886, 29.0499, -106.4528

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.1740, 4.0039, -28.0616

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1886, 29.0499, -106.4528 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(50, 104, 255)` looks like.

```
.text, #text, p{  
    color:rgb(50, 104, 255)  
}
```

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(50, 104, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 104, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1886, 29.0499, -106.4528 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(50, 104, 255) }
```


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

```
.border{ border-color:rgb(50, 104, 255) }
```

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

Here you see how a box with a 4 pixel rgb(50, 104, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 104, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 104, 255);  
box-shadow:4px 4px 4px 4px rgb(50, 104,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1886, 29.0499, -106.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 104, 255) }
```

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

```
.background{ background-color: rgb(50, 104,  
255) }
```

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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