

Converting Colors

HunterLab(41.4220, 31.0737,
-109.3500)

Have a look what the booklet for
HunterLab(41.4220, 31.0737,
-109.3500) contains.

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Color

**HunterLab(41.5104, 30.8560,
-109.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	3365FF
RGB	51, 101, 255
RGB Percent	20%, 40%, 100%
CMY	0.7999, 0.6039, 0.0000
CMYK	0.80, 0.60, 0.00, 0.00
HSL	225°, 100%, 60%
HSV	225°, 80%, 100%
XYZ	24.0689, 17.2311, 96.6650
YIQ	103.6060, -79.2340, 37.2940

Conversions

Conversions Part 2

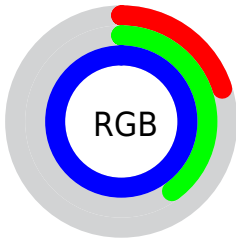
Format	Color
R_{YB}	51, 91, 255
Decimal	3368447
CIE _{Lab}	48.55, 38.10, -80.93
CIE _{LCh}	49, 89.447, 295.211
Yxy	17.2315, 0.1745, 0.1249
Android (android.graphics.Color)	4281558527 (0xFF3365FF)
YUV	103.6060, 74.6372, -46.1355
Hunter-Lab	41.5104, 30.8560, -109.0110

Details

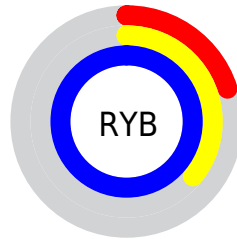
The HunterLab color **41.5104, 30.8560, -109.0110** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **80.7285, -0.4848, 47.4343**, and the grayscale version is **36.8077, -1.9640, 1.9998**.

A 20% lighter version of the original color is **58.3270, 14.7404, -59.9710**, and **26.0069, 33.0361, -103.8218** is the 20% darker color. If you saturate the color by 10%, you get **36.6468, 40.4060, -129.7747**, and if you desaturate by 10%, it is **47.1924, 22.6339, -89.3842**.

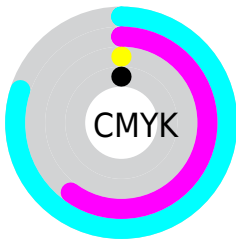
Distribution



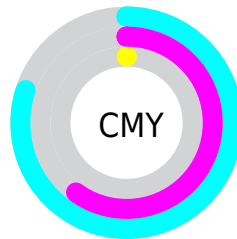
- Red (20%)
- Green (40%)
- Blue (100%)



- Red (20%)
- Yellow (36%)
- Blue (100%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5104, 30.8560, -109.0110 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 41.5104, 30.8560, -109.0110 by changing the saturation by 10% instead.

■ 41.5104, 30.8560,
-109.0110

■ 41.5104, 30.8560,
-109.0110

153.7865, 39.1636,
-112.3362

■ 32.2485, 29.4172,
-111.4866

■ 62.2281, 33.3713,
-107.5315

■ 23.8007, 27.8491,
-116.4060

■ 73.5882, 34.4612,
-107.6790

■ 16.2552, 26.1761,
-126.2964

■ 85.5661, 35.4518,
-108.1390

■ 9.7365, 24.5182,
-148.3751

■ 98.1314, 36.3512,
-108.8005

0.0000, INF, -NF

0.0000, NaN, -NF

111.2579, 37.1663,
-109.5921

0.0000, NaN, -NF

124.9224, 37.9033,

0.0000, NaN, -NF

-110.4655

0.0000, NaN, -NF

139.1047, 38.5675,
-111.3880

■ 41.5104, 30.8560,
-109.0110

■ 41.5104, 30.8560,
-109.0110

■ 36.6468, 40.4060,
-129.7747

■ 47.1924, 22.6339,
-89.3842

■ 32.7407, 50.6518,
-150.2636

■ 53.5323, 15.8119,
-71.5203

■ 32.7382, 50.6589,
-150.2779

■ 60.4019, 10.2464,
-55.4674

■ 67.7033, 5.7300,
-41.0322

■ 75.3633, 2.0643,
-27.9554

■ 83.3267, -0.9178,
-15.9874

■ 91.5518, -3.3499,
-4.9140

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.



41.5108, -7.7365, -127.4630



41.5104, 30.8560, -109.0110



41.5108, 69.5893, -54.0940

Triad

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



41.5108, 30.8580, -109.0094



41.5108, 44.0791, 28.0343



41.5108, -50.5346, 7.2996

Complementary

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



41.5104, 30.8560, -109.0110



80.7285, -0.4848, 47.4343

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.



41.5108, -44.5680, 24.8039



41.5104, 30.8560, -109.0110



41.5108, 3.6066, 29.0576

Square

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



41.5108, 30.8580, -109.0094



41.5108, 78.8425, 21.4351



41.5108, -27.3684, 28.7799



41.5108, -47.5287, -35.7605

Rectangle

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



41.5104, 30.8560, -109.0110



41.5108, 85.9840, -17.8480



41.5108, -27.3684, 28.7799



41.5108, -49.5918, 15.6002

Sweetspot

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



41.5108, 30.8580, -109.0094



80.1022, 0.2043, -20.6645



87.5124, -55.1879, 14.2530



35.7496, 0.5933, -11.5450

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.5108, 30.8580, -109.0094



34.1892, 46.5680, -142.1837



35.2347, 63.5497, -136.3741



42.5447, -1.5992, -2.0323



24.0719, 35.3082, -106.3080



8.5250, 8.0721, -28.0809

Inverse Universe

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



49.5669, 74.4959, 17.1203



46.8251, 79.9234, 22.8775



91.9767, -42.0695, 53.9189



42.4971, 2.0410, 2.3647



33.6347, 58.2073, 17.0297



10.5731, 18.4500, 4.1719

Previews

White Background



This preview shows how the HunterLab color 41.5104, 30.8560, -109.0110 looks on a white background.

Color Contrast Check

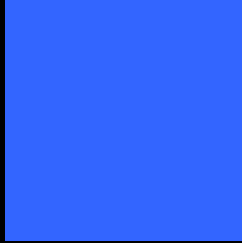
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5104, 30.8560, -109.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

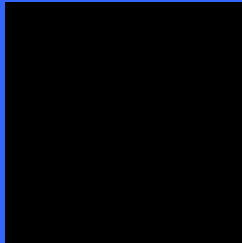
Any Text WCAG AA × Fail

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 41.5104, 30.8560, -109.0110 Background



This preview shows how black text looks on a background with the HunterLab color 41.5104, 30.8560, -109.0110.



This preview shows how white text looks on a background with the HunterLab color 41.5104, 30.8560, -109.0110.

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

41.5104, 30.8560, -109.0110

Protanopia

41.2735, 15.4952, -85.0381

Deuteranopia

41.1007, 0.9778, -53.4831



Tritanopia

41.1437, -20.1024, -8.0306

Trichromacy



Original Color

41.5104, 30.8560, -109.0110

Protanomaly

41.2368, 20.4839, -93.8834

Deuteranomaly

40.8346, 11.0313, -72.9569

Tritanomaly

40.4351, -5.0578, -37.7071

Monochromacy



Original Color

41.5104, 30.8560, -109.0110

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.5965, 4.7323, -28.4776

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5104, 30.8560, -109.0110 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(51, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 101, 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(51, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 101, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5104, 30.8560, -109.0110 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(51, 101, 255) }
```


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

```
.border{ border-color:rgb(51, 101, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 101, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 101,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5104, 30.8560, -109.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 101, 255) }
```

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

```
.background{ background-color: rgb(51, 101,  
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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