

Converting Colors

HunterLab(40.4884, 31.2100,
-98.6771)

Have a look what the booklet for
HunterLab(40.4884, 31.2100,
-98.6771) contains.

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Color

**HunterLab(40.5425, 31.1954,
-98.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	4961F3
RGB	73, 97, 243
RGB Percent	29%, 38%, 95%
CMY	0.7137, 0.6196, 0.0471
CMYK	0.70, 0.60, 0.00, 0.05
HSL	232°, 88%, 62%
HSV	232°, 70%, 95%
XYZ	23.2000, 16.4369, 86.7440
YIQ	106.4680, -61.1700, 40.3180

Conversions

Conversions Part 2

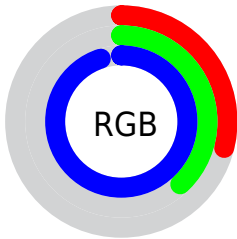
Format	Color
R_{YB}	73, 94, 243
Decimal	4809203
CIE _{Lab}	47.54, 38.59, -75.85
CIE _{LCh}	48, 85.101, 296.966
Yxy	16.4373, 0.1836, 0.1301
Android (android.graphics.Color)	4282999283 (0xFF4961F3)
YUV	106.4680, 67.3103, -29.3514
Hunter-Lab	40.5425, 31.1954, -98.4760

Details

The HunterLab color **40.5425, 31.1954, -98.4760** 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 **83.7885, -11.3520, 46.9697**, and the grayscale version is **37.9123, -2.0229, 2.0598**.

A 20% lighter version of the original color is **58.0949, 19.6024, -60.4130**, and **24.3163, 31.1972, -97.7391** is the 20% darker color. If you saturate the color by 10%, you get **35.0764, 40.5151, -121.0056**, and if you desaturate by 10%, it is **46.8573, 23.1554, -78.0147**.

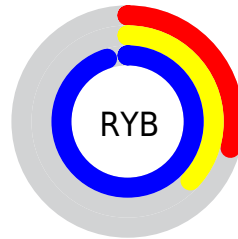
Distribution



Red (29%)

Green (38%)

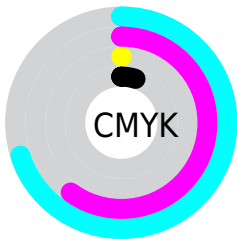
Blue (95%)



Red (29%)

Yellow (37%)

Blue (95%)

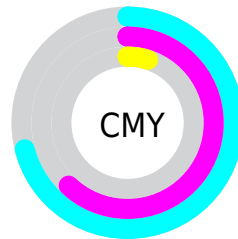


Cyan (70%)

Magenta (60%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (62%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5425, 31.1954, -98.4760 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 40.5425, 31.1954, -98.4760 by changing the saturation by 10% instead.

■ 40.5425, 31.1954,
-98.4760

■ 40.5425, 31.1954,
-98.4760

152.2855, 39.7471,
-102.7364

■ 31.3595, 29.7246,
-100.4218

■ 61.1194, 33.7725,
-97.5888

■ 22.9981, 28.1266,
-104.5236

■ 72.4154, 34.8918,
-97.8963

■ 15.5496, 26.4329,
-113.0951

■ 84.3325, 35.9105,
-98.4606

■ 9.1382, 24.8238,
-133.0159

■ 96.8399, 36.8369,
-99.1860

0.0000, INF, -NF

0.0000, NaN, -NF

109.9109, 37.6778,
-100.0110

0.0000, NaN, -NF

123.5223, 38.4396,

0.0000, NaN, -NF

-100.8948

0.0000, NaN, -NF

137.6533, 39.1278,
-101.8097

■ 40.5425, 31.1954,
-98.4760

■ 40.5425, 31.1954,
-98.4760

■ 35.0764, 40.5151,
-121.0056

■ 46.8573, 23.1554,
-78.0147

■ 30.7040, 50.5799,
-143.9350

■ 53.8245, 16.3870,
-59.9515

■ 27.6372, 59.8975,
-163.8311

■ 61.3036, 10.7014,
-44.0469

■ 27.6260, 59.9344,
-163.9113

■ 69.1944, 5.8820,
-29.9169

■ 77.4253, 1.7413,
-17.1936

■ 85.9442, -1.8697,
-5.5712

■ 94.7122, -5.0652,
5.1911

■ 99.6248, -7.3949,
10.7949

Harmonies

Analogous

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



40.5430, -5.5039, -118.1598



40.5425, 31.1954, -98.4760



40.5430, 66.8031, -47.1094

Triad

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



40.5430, 31.1972, -98.4748



40.5430, 39.0417, 27.2936



40.5430, -48.3808, 5.3046

Complementary

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



40.5425, 31.1954, -98.4760



83.7885, -11.3520, 46.9697

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.



40.5430, -43.1314, 23.3640



40.5425, 31.1954, -98.4760



40.5430, 1.2847, 28.3801

Square

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



40.5430, 31.1972, -98.4748



40.5430, 72.2662, 21.2661



40.5430, -27.3354, 27.7542



40.5430, -44.9466, -36.3359

Rectangle

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



40.5425, 31.1954, -98.4760



40.5430, 81.1151, -14.0997



40.5430, -27.3354, 27.7542



40.5430, -47.6295, 13.6936

Sweetspot

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



40.5430, 31.1972, -98.4748



80.8111, 2.2903, -19.5769



83.9967, -46.2883, 4.3692



36.2628, 1.5993, -10.7360

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.5430, 31.1972, -98.4748



34.9247, 47.2938, -138.2628



40.2295, 54.5288, -99.2257



40.3780, -0.9477, -2.3633



20.7421, 43.3409, -119.4863



7.0130, 9.8764, -30.0859

Inverse Universe

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



49.6834, 62.1650, 18.2070



48.2570, 75.2126, 23.7225



86.4361, -42.0140, 48.2010



40.6455, 1.7466, 2.7632



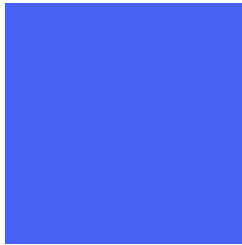
32.4557, 55.8148, 19.1619



9.6813, 16.7670, 4.8036

Previews

White Background



This preview shows how the HunterLab color 40.5425, 31.1954, -98.4760 looks on a white background.

Color Contrast Check

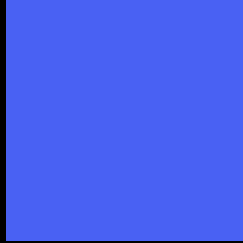
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.5425, 31.1954, -98.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

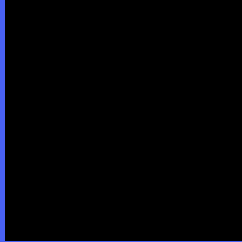
Any Text WCAG AA × Fail

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 40.5425, 31.1954, -98.4760 Background



This preview shows how black text looks on a background with the HunterLab color 40.5425, 31.1954, -98.4760.



This preview shows how white text looks on a background with the HunterLab color 40.5425, 31.1954, -98.4760.

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

40.5425, 31.1954, -98.4760

Deuteranopia

40.3642, 1.0417, -52.7004

Tritanopia

40.1357, -19.3534, -8.3877

Trichromacy



Original Color

40.5425, 31.1954, -98.4760

Deuteranomaly

39.7658, 10.9932, -70.1577

Tritanomaly

39.0957, -4.4421, -35.9436

Monochromacy



Original Color

40.5425, 31.1954, -98.4760

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.0532, 5.9599, -25.4530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5425, 31.1954, -98.4760 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(73, 97, 243)` looks like.

```
.text, #text, p{  
    color:rgb(73, 97, 243)  
}
```

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(73, 97, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 97, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5425, 31.1954, -98.4760 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(73, 97, 243) }
```

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

```
.border{ border-color:rgb(73, 97, 243) }
```

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

Here you see how a box with a 4 pixel rgb(73, 97, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 97, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 97, 243);  
box-shadow:4px 4px 4px 4px rgb(73, 97,  
243) }
```


Background

The CSS property to change the background color of an element to HunterLab 40.5425, 31.1954, -98.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 97, 243) }
```

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

```
.background{ background-color: rgb(73, 97,  
243) }
```

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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