

Converting Colors

HunterLab(50.9498, 64.3246,
30.8341)

Have a look what the booklet for
HunterLab(50.9498, 64.3246,
30.8341) contains.

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Color

**HunterLab(50.9946, 64.1871,
30.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4821
RGB	255, 72, 33
RGB Percent	100%, 28%, 13%
CMY	0.0000, 0.7176, 0.8706
CMYK	0.00, 0.72, 0.87, 0.00
HSL	11°, 100%, 56%
HSV	11°, 87%, 100%
XYZ	43.8318, 26.0045, 4.1480
YIQ	122.2710, 121.5870, 26.6670

Conversions

Conversions Part 2

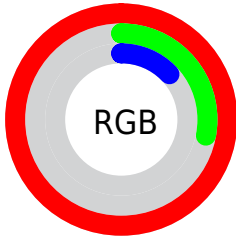
Format	Color
R_{YB}	255, 80, 33
Decimal	16730145
CIE _{Lab}	58.04, 67.15, 60.36
CIE _{LCh}	58, 90.291, 41.954
Yxy	26.0061, 0.5924, 0.3515
Android (android.graphics.Color)	4294920225 (0xFFFF4821)
YUV	122.2710, -44.0106, 116.4033
Hunter-Lab	50.9946, 64.1871, 30.8735

Details

The HunterLab color **50.9946, 64.1871, 30.8735** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **75.2650, -29.1897, -28.6597**, and the grayscale version is **44.3560, -2.3667, 2.4099**.

A 20% lighter version of the original color is **61.7517, 39.2300, 30.6847**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **48.6245, 70.7932, 30.9389**, and if you desaturate by 10%, it is **54.2261, 56.3063, 29.9494**.

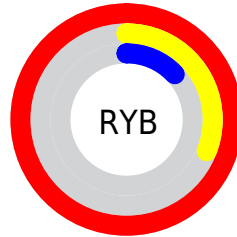
Distribution



Red (100%)

Green (28%)

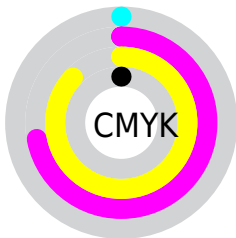
Blue (13%)



Red (100%)

Yellow (31%)

Blue (13%)

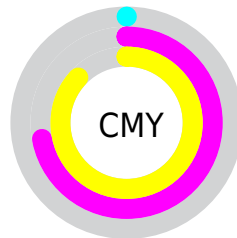


Cyan (0%)

Magenta (72%)

Yellow (87%)

Black (0%)



Cyan (0%)


Magenta (72%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 50.9946, 64.1871, 30.8735 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 50.9946, 64.1871, 30.8735 by changing the saturation by 10% instead.


 50.9946, 64.1871,
30.8735


 50.9946, 64.1871,
30.8735


168.1701, 80.2662,
64.8844


 41.0222, 61.9535,
26.2482


 72.9964, 68.4042,
39.4416


 31.7995, 59.6977,
21.5780


 84.9437, 70.3742,
43.4428


 23.3951, 57.5224,
16.3766

 97.4798, 72.2473,
47.2912

 15.8983, 55.7095,
11.1288

 110.5784, 74.0257,
51.0083

 9.4361, 55.1328,
6.6052

 124.2162, 75.7129,
54.6124

0.0000, INF, NaN

0.0000, INF, NaN

 138.3727, 77.3127,

58.1183

0.0000, NaN, NaN

153.0295, 78.8292,
61.5387

0.0000, NaN, NaN

50.9946, 64.1871,
30.8735

50.9946, 64.1871,
30.8735

48.6245, 70.7932,
30.9389

54.2261, 56.3063,
29.9494

48.0856, 72.3939,
30.8975

58.2632, 47.7401,
28.2018

63.0254, 38.9637,
25.7743

68.4219, 30.3104,
22.8294

74.3653, 21.9733,
19.5092

80.7778, 14.0413,
15.9237

87.5936, 6.5363,
12.1519

94.7578, -0.5577,
8.2480

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



50.9961, 90.8332, 15.2281



50.9946, 64.1871, 30.8735



50.9961, 22.0761, 34.5407

Triad

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



50.9961, 64.1817, 30.8743



50.9961, -55.4462, 20.0204



50.9961, 13.3942, -123.7553

Complementary

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



50.9946, 64.1871, 30.8735



75.2650, -29.1897, -28.6597

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.



50.9961, -23.5363, -118.3176



50.9946, 64.1871, 30.8735



50.9961, -56.5141, -13.9153

Square

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



50.9961, 64.1817, 30.8743



50.9961, -43.1156, 32.1910



50.9961, -46.6498, -69.4845



50.9961, 56.2377, -81.2885

Rectangle

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



50.9946, 64.1871, 30.8735



50.9961, -5.2032, 34.8978



50.9961, -46.6498, -69.4845



50.9961, -0.1961, -128.0127

Sweetspot

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



50.9961, 64.1817, 30.8743



81.4816, 13.2269, 15.5322



52.3541, 93.9866, -41.2108



36.6399, 7.3609, 7.7751

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.9961, 64.1817, 30.8743



48.0858, 72.3942, 30.8976



73.7680, 11.3432, 44.4976



43.0151, 0.5280, 4.2623



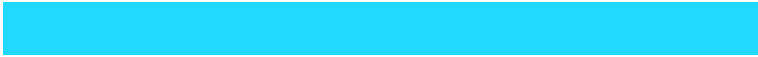
34.9723, 51.6472, 22.4539



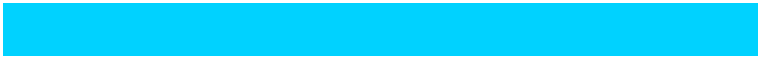
11.5137, 14.2705, 7.3445

Inverse Universe

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



75.2650, -29.1897, -28.6597



73.0795, -27.3953, -32.2044



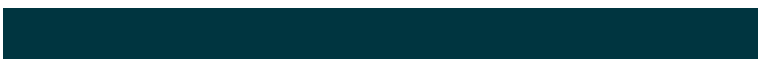
42.4955, 26.1694, -105.3524



44.6165, -4.9955, 0.4952



53.0133, -20.0535, -22.9722



16.9482, -6.7957, -6.5138

Previews

White Background



This preview shows how the HunterLab color 50.9946, 64.1871, 30.8735 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 50.9946, 64.1871, 30.8735 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 50.9946, 64.1871, 30.8735 Background



This preview shows how black text looks on a background with the HunterLab color 50.9946, 64.1871, 30.8735.



This preview shows how white text looks on a background with the HunterLab color 50.9946, 64.1871,

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

50.9946, 64.1871, 30.8735

Protanopia

51.0435, -6.5723, 27.8326

Deuteranopia

51.1099, 3.1747, 31.5492



Tritanopia

50.9746, 66.7544, 25.4480

Trichromacy



Original Color

50.9946, 64.1871, 30.8735

Protanomaly

48.6310, 18.8572, 27.3912

Deuteranomaly

49.3706, 25.4207, 30.4493

Tritanomaly

50.9370, 65.7300, 27.8784

Monochromacy



Original Color

50.9946, 64.1871, 30.8735

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

43.8005, 18.6023, 14.2218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.9946, 64.1871, 30.8735 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(255, 72, 33)` looks like.

```
.text, #text, p{  
  color:rgb(255, 72, 33)  
}
```

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(255, 72, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 50.9946, 64.1871, 30.8735 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(255, 72, 33) }
```


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

```
.border{ border-color:rgb(255, 72, 33) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.9946, 64.1871, 30.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 33) }
```

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

```
.background{ background-color: rgb(255, 72,  
33) }
```

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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