

Converting Colors

HunterLab(64.5464, -16.5705,
29.6686)

Have a look what the booklet for
HunterLab(64.5464, -16.5705,
29.6686) contains.

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Color

**HunterLab(64.5804,
-16.4553, 29.7839)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB35E
RGB	171, 179, 94
RGB Percent	67%, 70%, 37%
CMY	0.3294, 0.2980, 0.6314
CMYK	0.04, 0.00, 0.47, 0.30
HSL	66°, 36%, 54%
HSV	66°, 47%, 70%
XYZ	34.9351, 41.7063, 16.7985
YIQ	166.9180, 22.5170, -28.1310

Conversions

Conversions Part 2

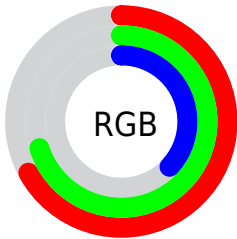
Format	Color
RYB	94, 179, 102
Decimal	11252574
CIELab	70.67, -15.41, 42.16
CIELCh	71, 44.889, 110.078
Yxy	41.7082, 0.3739, 0.4463
Android (android.graphics.Color)	4289442654 (0xFFABB35E)
YUV	166.9180, -35.9486, 3.5799
Hunter-Lab	64.5804, -16.4553, 29.7839

Details

The HunterLab color $64.5804, -16.4553, 29.7839$ is a dark color, and the websafe version is hex `CCCC66`. A complement of this color would be $37.5312, 18.1238, -43.9332$, and the grayscale version is $62.2677, -3.3224, 3.3831$.

A 20% lighter version of the original color is $88.3097, -19.3343, 35.8197$, and $43.4574, -13.4050, 23.2926$ is the 20% darker color. If you saturate the color by 10%, you get $64.2146, -18.2568, 32.9188$, and if you desaturate by 10%, it is $65.0063, -14.3479, 25.8500$.

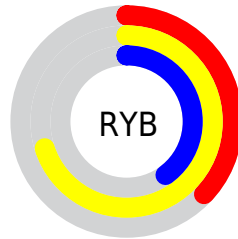
Distribution



Red (67%)

Green (70%)

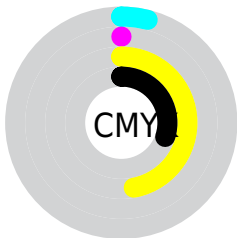
Blue (37%)



Red (37%)

Yellow (70%)

Blue (40%)

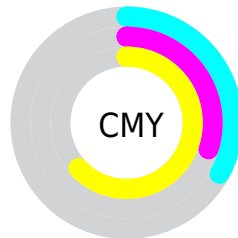


Cyan (4%)

Magenta (0%)

Yellow (47%)

Black (30%)



Cyan (33%)


Magenta (30%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.5804, -16.4553, 29.7839 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 64.5804, -16.4553, 29.7839 by changing the saturation by 10% instead.


 64.5804, -16.4553,
29.7839

 64.5804, -16.4553,
29.7839


187.9553,
-29.0092, 53.9628


 53.7335, -15.0378,
26.6553


 88.1804, -19.2542,
35.6608


 43.5714, -13.5934,
23.3583


 100.8667,
-20.6425, 38.4523

 34.1456, -12.1110,
19.8519


 114.1090,
-22.0290, 41.1679

 25.5187, -10.5703,
16.1222

 127.8849,
-23.4163, 43.8197

 17.7732, -8.9372,
12.4413

142.1745,
-24.8065, 46.4177

 11.0237, -7.2047,
7.7166

156.9599,

 2.7220, -4.7634,

-26.2013, 48.9699

1.9054

172.2250,
-27.6018, 51.4831

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5804, -16.4553,
29.7839

■ 64.5804, -16.4553,
29.7839

■ 64.2146, -18.2568,
32.9188

■ 65.0063, -14.3479,
25.8500

■ 63.9013, -19.7595,
35.2906

■ 65.4904, -11.9201,
21.0892

■ 63.6381, -20.9836,
36.9507

■ 66.0360, -9.1694,
15.4860

■ 63.4204, -21.9538,
37.9663


■ 66.6448, -6.0949,
9.0335

■ 63.2402, -22.7126,

■ 67.3178, -2.6988,

38.4496


1.7334

 63.1972, -22.8910,
38.5411

 68.0557, 1.0140,
-6.4056

 68.8588, 5.0359,
-15.3679

 69.7273, 9.3574,
-25.1325

 70.6560, 13.9418,
-35.6069

Harmonies

Analogous

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



64.5819, 3.4981, 30.6547



64.5804, -16.4553, 29.7839



64.5819, -31.0351, 23.2778

Triad

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



64.5819, -16.4573, 29.7845



64.5819, -26.8923, -32.4484



64.5819, 40.2442, -3.2995

Complementary

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



64.5804, -16.4553, 29.7839



37.5312, 18.1238, -43.9332

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.



64.5819, 29.7192, -25.5438



64.5804, -16.4553, 29.7839



64.5819, -10.1151, -45.5276

Square

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



64.5819, -16.4573, 29.7845



64.5819, -36.5172, -10.7594



64.5819, 10.6772, -42.6671



64.5819, 37.9918, 15.1297

Rectangle

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



64.5804, -16.4553, 29.7839



64.5819, -36.5462, 15.0522



64.5819, 10.6772, -42.6671



64.5819, 38.0375, -10.6423

Sweetspot

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



64.5819, -16.4573, 29.7845



88.6271, -10.9813, 18.0426



44.4033, 23.8951, 13.6387



41.6364, -5.5705, 9.3291



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



64.5819, -16.4573, 29.7845



85.9125, -24.5366, 44.2271



61.4413, -28.3300, 27.1445



31.4089, -3.1550, 4.8533



53.1379, -19.1878, 32.4074



9.4877, -3.1697, 5.7908

Inverse Universe

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



37.5312, 18.1238, -43.9332



42.8507, 32.5725, -78.7094



41.4160, 29.1055, -35.0271



28.7527, 0.0539, -1.8845



15.4809, 41.3674, -105.1580



2.9641, 7.5174, -17.0090

Previews

White Background



This preview shows how the HunterLab color 64.5804, -16.4553, 29.7839 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64.5804, -16.4553, 29.7839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

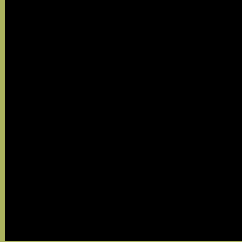
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 64.5804, -16.4553, 29.7839 Background



This preview shows how black text looks on a background with the HunterLab color 64.5804, -16.4553, 29.7839.



This preview shows how white text looks on a background with the HunterLab color 64.5804,

-16.4553, 29.7839.

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

64.5804, -16.4553, 29.7839

Protanopia

64.5035, -7.4181, 30.3100

Deuteranopia

64.5153, 4.6224, 29.4416



Tritanopia

64.4803, 2.5625, -0.9163

Trichromacy



Original Color

64.5804, -16.4553, 29.7839

Protanomaly

64.4341, -10.7189, 29.9872

Deuteranomaly

64.2882, -3.5217, 29.3465

Tritanomaly

64.3710, -5.6672, 12.9893

Monochromacy



Original Color

64.5804, -16.4553, 29.7839

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.7249, -8.9006, 15.0427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5804, -16.4553, 29.7839 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(171, 179, 94)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 94)  
}
```

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(171, 179, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5804, -16.4553, 29.7839 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(171, 179, 94) }
```


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

```
.border{ border-color:rgb(171, 179, 94) }
```

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

Here you see how a box with a 4 pixel rgb(171, 179, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 94);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5804, -16.4553, 29.7839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 94) }
```

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

```
.background{ background-color: rgb(171,  
179, 94) }
```

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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