

Converting Colors

HunterLab(48.6199, -35.9958,
20.2146)

Have a look what the booklet for
HunterLab(48.6199, -35.9958,
20.2146) contains.

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Color

**HunterLab(48.6192,
-36.0060, 20.3080)**

Conversions

Conversions Part 1	
Format	Color
Hex	1F994F
RGB	31, 153, 79
RGB Percent	12%, 60%, 31%
CMY	0.8784, 0.4000, 0.6902
CMYK	0.80, 0.00, 0.48, 0.40
HSL	144°, 66%, 36%
HSV	144°, 80%, 60%
XYZ	13.3676, 23.6383, 11.2552
YIQ	108.0860, -48.9580, -48.8780

Conversions

Conversions Part 2

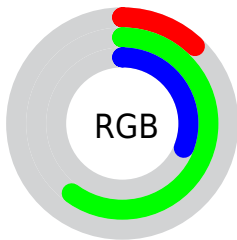
Format	Color
RYB	31, 119, 153
Decimal	2070863
CIELab	55.72, -49.13, 29.80
CIELCh	56, 57.464, 148.764
Yxy	23.6392, 0.2770, 0.4898
Android (android.graphics.Color)	4280260943 (0xFF1F994F)
YUV	108.0860, -14.3394, -67.6044
Hunter-Lab	48.6192, -36.0060, 20.3080

Details

The HunterLab color **48.6192, -36.0060, 20.3080** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.6187, 45.6621, -7.7046**, and the grayscale version is **38.8247, -2.0716, 2.1094**.

A 20% lighter version of the original color is **70.1699, -42.7988, 24.9404**, and **30.6784, -25.0932, 15.8237** is the 20% darker color. If you saturate the color by 10%, you get **48.3007, -37.6032, 22.0482**, and if you desaturate by 10%, it is **49.0719, -33.8402, 18.4162**.

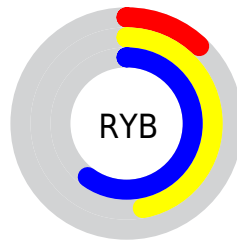
Distribution



Red (12%)

Green (60%)

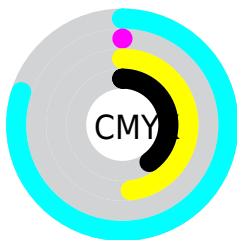
Blue (31%)



Red (12%)

Yellow (47%)

Blue (60%)

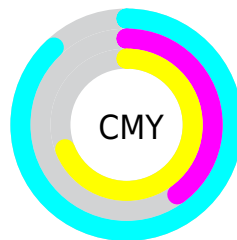


Cyan (80%)

Magenta (0%)

Yellow (48%)

Black (40%)



Cyan (88%)


Magenta (40%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.6192, -36.0060, 20.3080 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 48.6192, -36.0060, 20.3080 by changing the saturation by 10% instead.


 48.6192, -36.0060,
20.3080


 48.6192, -36.0060,
20.3080


164.6182,
-63.7841, 39.5207


 38.8152, -32.2347,
17.8181


 70.3142, -42.9330,
24.9556

 29.7756, -28.1693,
15.1682


 82.1208, -46.1711,
27.1610


 21.5727, -23.7003,
12.3016

 94.5229, -49.2963,
29.3093

 14.3025, -19.3487,
10.0117

 107.4933,
-52.3283, 31.4120

 7.9609, -13.9316,
5.5727

 121.0080,
-55.2822, 33.4782

0.0000, NaN, NaN

0.0000, NaN, NaN

 135.0460,

-58.1699, 35.5147

0.0000, NaN, NaN

149.5883,
-61.0012, 37.5274

0.0000, NaN, NaN

■ 48.6192, -36.0060,
20.3080

■ 48.6192, -36.0060,
20.3080

■ 48.3007, -37.6032,
22.0482

■ 49.0719, -33.8402,
18.4162

■ 48.0800, -38.7576,
23.6009

■ 49.6672, -31.0770,
16.3954

■ 48.0746, -38.7858,
23.6384

■ 50.4136, -27.7129,
14.2711

■ 51.3157, -23.7627,
12.0701

■ 52.3751, -19.2564,
9.8188

■ 53.5913, -14.2357,
7.5427

■ 54.9619, -8.7497,
5.2654

■ 56.4829, -2.8517,
3.0076

■ 58.1491, 3.4044,
0.7867

Harmonies

Analogous

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



48.6202, -22.8099, 27.5003



48.6192, -36.0060, 20.3080



48.6202, -40.5668, 3.5811

Triad

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



48.6202, -36.0066, 20.3083



48.6202, -3.5852, -64.5689



48.6202, 44.6512, 19.3446

Complementary

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



48.6192, -36.0060, 20.3080



29.6187, 45.6621, -7.7046

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.



48.6202, 52.4642, 1.6930



48.6192, -36.0060, 20.3080



48.6202, 21.5755, -53.4559

Square

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



48.6202, -36.0066, 20.3083



48.6202, -24.2242, -51.5995



48.6202, 43.3138, -25.9505



48.6202, 23.6286, 27.1631

Rectangle

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



48.6192, -36.0060, 20.3080



48.6202, -38.9339, -13.6368



48.6202, 43.3138, -25.9505



48.6202, 49.0700, 14.7223

Sweetspot

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



48.6202, -36.0066, 20.3083



70.9197, -22.3151, 11.5387



50.9519, -27.4691, 29.4067



33.0796, -11.5051, 5.8900



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.6202, -36.0066, 20.3083



64.4034, -51.5523, 31.2338



49.9320, -28.0376, 1.3779



26.3891, -4.0552, 2.4690



43.7114, -35.2157, 21.3851



5.4082, -3.9119, 1.6849

Inverse Universe

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



29.6187, 45.6621, -7.7046



37.0820, 66.2160, -6.3613



28.1850, 40.0093, 12.7952



25.0648, 1.4168, 0.3569



25.0084, 45.4547, -4.2046



3.1722, 5.9667, -2.0917

Previews

White Background



This preview shows how the HunterLab color 48.6192, -36.0060, 20.3080 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 48.6192, -36.0060, 20.3080 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 48.6192, -36.0060, 20.3080 Background



This preview shows how black text looks on a background with the HunterLab color 48.6192, -36.0060, 20.3080.



This preview shows how white text looks on a background with the HunterLab color 48.6192,

-36.0060, 20.3080.

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

48.6192, -36.0060, 20.3080

Protanopia

48.3259, -5.4841, 22.1603

Deuteranopia

48.2951, 3.3243, 19.0090



Tritanopia

48.4116, -18.0260, -9.0047

Trichromacy



Original Color

48.6192, -36.0060, 20.3080



Protanomaly

47.1245, -20.5103, 20.3038



Deuteranomaly

46.6300, -15.8544, 18.0502



Tritanomaly

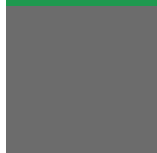
48.1207, -25.8020, 4.0378

Monochromacy



Original Color

48.6192, -36.0060, 20.3080



Achromatopsia

38.7246, -2.0663, 2.1040



Achromatomaly

41.2115, -17.2267, 8.8223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6192, -36.0060, 20.3080 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(31, 153, 79)` looks like.

```
.text, #text, p{  
    color:rgb(31, 153, 79)  
}
```

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(31, 153, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 153, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6192, -36.0060, 20.3080 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(31, 153, 79) }
```


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

```
.border{ border-color:rgb(31, 153, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 153, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 153, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 153, 79);  
box-shadow:4px 4px 4px 4px rgb(31, 153,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6192, -36.0060, 20.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 153, 79) }
```

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

```
.background{ background-color: rgb(31, 153,  
79) }
```

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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