

Converting Colors

HunterLab(61.8428, -47.9813,
26.2796)

Have a look what the booklet for
HunterLab(61.8428, -47.9813,
26.2796) contains.

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Color

**HunterLab(61.7604,
-47.8621, 26.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF62
RGB	0, 191, 98
RGB Percent	0%, 75%, 38%
CMY	1.0000, 0.2510, 0.6157
CMYK	1.00, 0.00, 0.49, 0.25
HSL	151°, 100%, 37%
HSV	151°, 100%, 75%
XYZ	20.8354, 38.1435, 17.8196
YIQ	123.2890, -83.9830, -69.4150

Conversions

Conversions Part 2

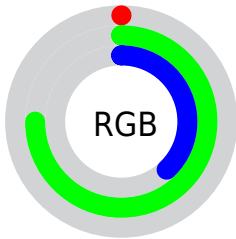
Format	Color
RYB	0, 126, 191
Decimal	48994
CIELab	68.13, -61.13, 35.65
CIELCh	68, 70.768, 149.753
Yxy	38.1450, 0.2713, 0.4967
Android (android.graphics.Color)	4278239074 (0xFF00BF62)
YUV	123.2890, -12.4675, -108.1245
Hunter-Lab	61.7604, -47.8621, 26.1255

Details

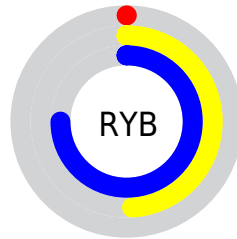
The HunterLab color **61.7604, -47.8621, 26.1255** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **34.4493, 61.2884, 4.4724**, and the grayscale version is **44.6904, -2.3846, 2.4281**.

A 20% lighter version of the original color is **85.1763, -55.9744, 31.4204**, and **42.2257, -34.3337, 21.3382** is the 20% darker color. If you saturate the color by 10%, you get **61.7615, -47.8635, 26.1270**, and if you desaturate by 10%, it is **62.0246, -46.4610, 24.0292**.

Distribution



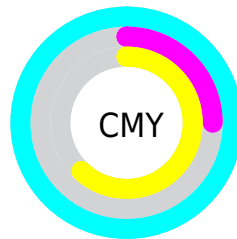
- Red (0%)
- Green (75%)
- Blue (38%)



- Red (0%)
- Yellow (49%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7604, -47.8621, 26.1255 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 61.7604, -47.8621, 26.1255 by changing the saturation by 10% instead.

61.7604, -47.8621,
26.1255

61.7604, -47.8621,
26.1255

183.9135,
-80.0265, 47.4807

51.0835, -43.5644,
23.3940

85.0473, -55.8367,
31.2703

41.1034, -38.9864,
20.5175

97.5883, -59.5859,
33.7232

31.8741, -34.0462,
17.4547

110.6915,
-63.2111, 36.1158

23.4625, -28.6208,
14.1539

124.3338,
-66.7314, 38.4586

15.9576, -23.2832,
11.1703

138.4945,
-70.1618, 40.7603

9.4859, -16.6003,
6.6401

153.1555,

0.0000, NaN, NaN

-73.5147, 43.0276

0.0000, NaN, NaN

168.3001,
-76.8001, 45.2661

0.0000, NaN, NaN

■ 61.7604, -47.8621,
26.1255

■ 61.7604, -47.8621,
26.1255

■ 61.7615, -47.8635,
26.1270

■ 62.0246, -46.4610,
24.0292

■ 62.4133, -44.5128,
21.8079

■ 62.9651, -41.8778,
19.5095

■ 63.6958, -38.5146,
17.1681

■ 64.6163, -34.4117,
14.8169

■ 65.7331, -29.5818,
12.4876

■ 67.0493, -24.0577,
10.2094

■ 68.5649, -17.8874,
8.0085

■ 70.2775, -11.1291,
5.9064

Harmonies

Analogous

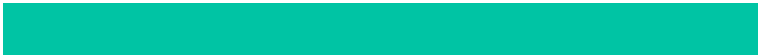
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.7616, -30.8904, 35.5968



61.7604, -47.8621, 26.1255



61.7616, -53.4529, 3.6127

Triad

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



61.7616, -47.8627, 26.1259



61.7616, -3.5628, -88.0995



61.7616, 59.4957, 25.8770

Complementary

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



61.7604, -47.8621, 26.1255



34.4493, 61.2884, 4.4724

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.



61.7616, 70.8002, 3.1100



61.7604, -47.8621, 26.1255



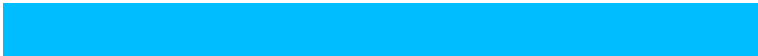
61.7616, 30.1901, -71.7944

Square

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



61.7616, -47.8627, 26.1259



61.7616, -31.2631, -71.2858



61.7616, 59.1346, -33.8516



61.7616, 30.7414, 35.5130

Rectangle

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



61.7604, -47.8621, 26.1255



61.7616, -51.0814, -19.7927



61.7616, 59.1346, -33.8516



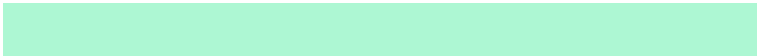
61.7616, 65.6940, 20.0119

Sweetspot

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



61.7616, -47.8627, 26.1259



89.6385, -32.5711, 13.8073



63.0264, -44.0132, 38.0657



41.6400, -16.7848, 7.0759



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



61.7616, -47.8627, 26.1259



82.6230, -64.2389, 35.4018



64.0506, -33.9563, -6.7552



32.7554, -4.9655, 2.6866



50.0836, -38.6996, 20.9413



9.9786, -7.2501, 3.1786

Inverse Universe

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



34.4493, 61.2884, 4.4724



46.0486, 81.8278, 6.7465



33.2822, 56.9951, 21.5056



31.0028, 1.7001, 0.8438



27.9550, 49.7898, 3.2123



5.6510, 10.2828, -1.0405

Previews

White Background



This preview shows how the HunterLab color 61.7604, -47.8621, 26.1255 looks on a white background.

Color Contrast Check

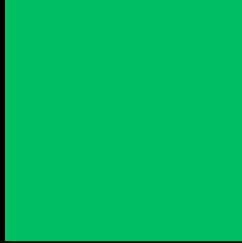
Large Text (above 18pt) WCAG AA × Fail

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 61.7604, -47.8621, 26.1255 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 61.7604, -47.8621, 26.1255 Background



This preview shows how black text looks on a background with the HunterLab color 61.7604, -47.8621, 26.1255.



This preview shows how white text looks on a background with the HunterLab color 61.7604, -47.8621, 26.1255.

-47.8621, 26.1255.

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

61.7604, -47.8621, 26.1255

Protanopia

61.2007, -7.0189, 28.4326

Deuteranopia

60.9593, 4.4377, 24.3782



Tritanopia

61.6434, -24.1350, -12.0968

Trichromacy



Original Color

61.7604, -47.8621, 26.1255



Protanomaly

58.8979, -29.9170, 25.5763



Deuteranomaly

58.1299, -24.2215, 22.3073



Tritanomaly

61.1554, -35.1837, 4.8245

Monochromacy



Original Color

61.7604, -47.8621, 26.1255



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

49.0045, -24.6762, 10.5034

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7604, -47.8621, 26.1255 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(0, 191, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 98)  
}
```

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(0, 191, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7604, -47.8621, 26.1255 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(0, 191, 98) }
```


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

```
.border{ border-color:rgb(0, 191, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 98);  
box-shadow:4px 4px 4px 4px rgb(0, 191, 98)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 61.7604, -47.8621, 26.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 98) }
```

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

```
.background{ background-color: rgb(0, 191,  
98) }
```

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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