

Converting Colors

HunterLab(61.2193, -45.7198,
23.8031)

Have a look what the booklet for
HunterLab(61.2193, -45.7198,
23.8031) contains.

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Color

**HunterLab(61.3335,
-45.7732, 23.8107)**

Conversions

Conversions Part 1

Format	Color
Hex	17BD6A
RGB	23, 189, 106
RGB Percent	9%, 74%, 42%
CMY	0.9098, 0.2588, 0.5843
CMYK	0.88, 0.00, 0.44, 0.26
HSL	150°, 78%, 42%
HSV	150°, 88%, 74%
XYZ	21.1525, 37.6180, 19.7818
YIQ	129.9040, -72.2930, -61.0050

Conversions

Conversions Part 2

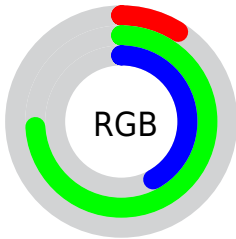
Format	Color
RYB	23, 134, 189
Decimal	1555818
CIELab	67.74, -57.94, 31.10
CIELCh	68, 65.759, 151.773
Yxy	37.6195, 0.2693, 0.4789
Android (android.graphics.Color)	4279745898 (0xFF17BD6A)
YUV	129.9040, -11.7847, -93.7548
Hunter-Lab	61.3335, -45.7732, 23.8107

Details

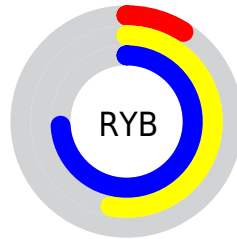
The HunterLab color $61.3335, -45.7732, 23.8107$ is a dark color, and the websafe version is hex $33CC66$. A complement of this color would be $35.3171, 58.9675, -0.0998$, and the grayscale version is $47.2761, -2.5225, 2.5686$.

A 20% lighter version of the original color is $84.4178, -53.1698, 28.3679$, and $41.6481, -33.1810, 19.5719$ is the 20% darker color. If you saturate the color by 10%, you get $61.0556, -47.2459, 25.9189$, and if you desaturate by 10%, it is $61.7536, -43.6972, 21.5833$.

Distribution



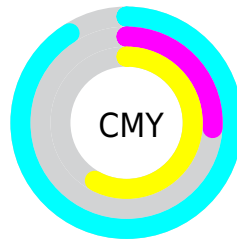
- Red (9%)
- Green (74%)
- Blue (42%)



- Red (9%)
- Yellow (53%)
- Blue (74%)



- Cyan (88%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)



- Cyan (91%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.3335, -45.7732, 23.8107 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 61.3335, -45.7732, 23.8107 by changing the saturation by 10% instead.

■ 61.3335, -45.7732,
23.8107

■ 61.3335, -45.7732,
23.8107

183.2989,
-76.5304, 43.1415

■ 50.6828, -41.6801,
21.3761

■ 84.5722, -53.3777,
28.4194

■ 40.7308, -37.3232,
18.8199

■ 97.0909, -56.9575,
30.6277

■ 31.5319, -32.6239,
16.1043

■ 110.1727,
-60.4220, 32.7886

■ 23.1537, -27.4634,
13.1754

■ 123.7945,
-63.7890, 34.9111

■ 15.6861, -22.3052,
10.9803

■ 137.9355,
-67.0728, 37.0025

■ 9.2562, -16.1984,
6.4794

152.5774,

0.0000, NaN, NaN

-70.2849, 39.0683

0.0000, NaN, NaN

167.7035,
-73.4348, 41.1133

0.0000, NaN, NaN

■ 61.3335, -45.7732,
23.8107

■ 61.3335, -45.7732,
23.8107

■ 61.0556, -47.2459,
25.9189

■ 61.7536, -43.6972,
21.5833

■ 61.0031, -47.5281,
26.3509

■ 62.3384, -40.9250,
19.2738

■ 63.1035, -37.4237,
16.9159

■ 64.0584, -33.1877,
14.5427

■ 65.2090, -28.2351,
12.1854

■ 66.5574, -22.6026,
9.8732

■ 68.1030, -16.3407,
7.6316

■ 69.8429, -9.5094,
5.4825

■ 71.7721, -2.1735,
3.4429

Harmonies

Analogous

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



61.3347, -30.4427, 33.8230



61.3335, -45.7732, 23.8107



61.3347, -50.4001, 1.6409

Triad

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



61.3347, -45.7738, 23.8111



61.3347, -1.5062, -79.0936



61.3347, 52.9512, 25.5410

Complementary

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



61.3335, -45.7732, 23.8107



35.3171, 58.9675, -0.0998

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.



61.3347, 64.5520, 4.9892



61.3335, -45.7732, 23.8107



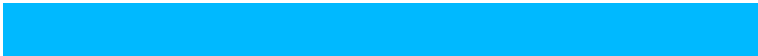
61.3347, 29.6367, -62.7656

Square

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



61.3347, -45.7738, 23.8111



61.3347, -27.9244, -66.0199



61.3347, 55.3098, -28.1586



61.3347, 26.0083, 34.4372

Rectangle

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



61.3335, -45.7732, 23.8107



61.3347, -47.6612, -20.3116



61.3347, 55.3098, -28.1586



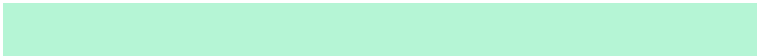
61.3347, 58.9816, 20.2077

Sweetspot

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



61.3347, -45.7738, 23.8111



89.3470, -29.1140, 12.7828



63.0041, -40.4724, 37.3512



41.1234, -14.7761, 6.4181



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



61.3347, -45.7738, 23.8111



81.6081, -63.7889, 35.6990



63.3515, -33.5500, -5.1502



32.7522, -4.9834, 2.7322



50.0530, -38.8891, 21.3885



9.9728, -7.2862, 3.2637

Inverse Universe

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



35.3171, 58.9675, -0.0998



45.5979, 81.1912, 5.4068



33.9202, 53.6617, 20.1560



31.0061, 1.7182, 0.7958



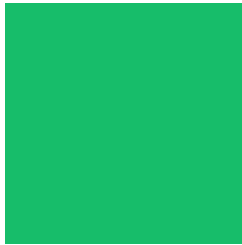
28.0081, 49.9828, 2.4536



5.6612, 10.3193, -1.1826

Previews

White Background



This preview shows how the HunterLab color 61.3335, -45.7732, 23.8107 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 61.3335, -45.7732, 23.8107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

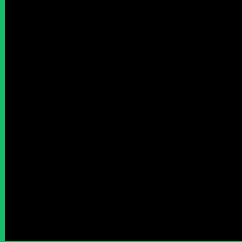
Any Text WCAG AA ✓ Pass

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 61.3335, -45.7732, 23.8107 Background



This preview shows how black text looks on a background with the HunterLab color 61.3335, -45.7732, 23.8107.



This preview shows how white text looks on a background with the HunterLab color 61.3335,

-45.7732, 23.8107.

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

61.3335, -45.7732, 23.8107

Protanopia

60.8105, -6.6835, 26.5645

Deuteranopia

60.7708, 4.0919, 21.9867



Tritanopia

61.2429, -24.1275, -11.5281

Trichromacy



Original Color

61.3335, -45.7732, 23.8107



Protanomaly

59.1141, -27.1453, 23.8582



Deuteranomaly

58.6764, -21.8459, 20.5775



Tritanomaly

61.0347, -33.8662, 4.2621

Monochromacy



Original Color

61.3335, -45.7732, 23.8107



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

50.7325, -22.5216, 9.7264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.3335, -45.7732, 23.8107 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(23, 189, 106)` looks like.

```
.text, #text, p{  
    color:rgb(23, 189, 106)  
}
```

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(23, 189, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 189, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 61.3335, -45.7732, 23.8107 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(23, 189, 106) }
```


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

```
.border{ border-color:rgb(23, 189, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 189, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 189, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 189, 106);  
box-shadow:4px 4px 4px 4px rgb(23, 189,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.3335, -45.7732, 23.8107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 189, 106) }
```

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

```
.background{ background-color: rgb(23, 189,  
106) }
```

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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