

Converting Colors

HunterLab(60.5866, -38.5773,
12.6580)

Have a look what the booklet for
HunterLab(60.5866, -38.5773,
12.6580) contains.

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Color

**HunterLab(60.5830,
-38.5987, 12.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	2DB88B
RGB	45, 184, 139
RGB Percent	18%, 72%, 55%
CMY	0.8235, 0.2784, 0.4549
CMYK	0.76, 0.00, 0.24, 0.28
HSL	161°, 61%, 45%
HSV	161°, 76%, 72%
XYZ	22.8829, 36.7030, 30.3045
YIQ	137.3090, -68.3990, -43.4630

Conversions

Conversions Part 2

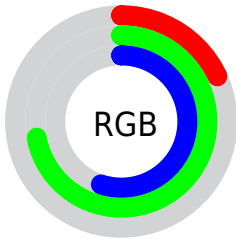
Format	Color
RYB	45, 128, 184
Decimal	2996363
CIELab	67.05, -46.94, 12.62
CIELCh	67, 48.607, 164.957
Yxy	36.7044, 0.2546, 0.4083
Android (android.graphics.Color)	4281186443 (0xFF2DB88B)
YUV	137.3090, 0.8337, -80.9550
Hunter-Lab	60.5830, -38.5987, 12.7504

Details

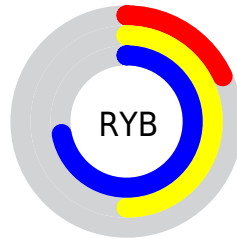
The HunterLab color $60.5830, -38.5987, 12.7504$ is a dark color, and the websafe version is hex $33CC99$. A complement of this color would be $35.7858, 49.8659, 6.8955$, and the grayscale version is $50.1564, -2.6762, 2.7251$.

A 20% lighter version of the original color is $83.7888, -44.8781, 15.1441$, and $40.8492, -28.7246, 10.9504$ is the 20% darker color. If you saturate the color by 10%, you get $60.1703, -40.5688, 14.4849$, and if you desaturate by 10%, it is $61.1519, -36.0129, 11.0947$.

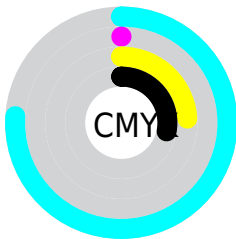
Distribution



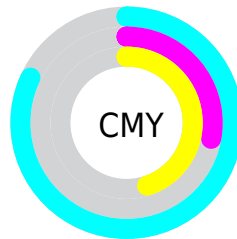
- Red (18%)
- Green (72%)
- Blue (55%)



- Red (18%)
- Yellow (50%)
- Blue (72%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (28%)



- Cyan (82%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.5830, -38.5987, 12.7504 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 60.5830, -38.5987, 12.7504 by changing the saturation by 10% instead.

■ 60.5830, -38.5987,
12.7504

■ 60.5830, -38.5987,
12.7504

182.2167,
-64.5011, 24.2180

■ 49.9787, -35.2185,
11.4768

■ 83.7365, -44.9198,
15.2745

■ 40.0764, -31.6364,
10.1837

■ 96.2157, -47.9146,
16.5340

■ 30.9313, -27.7886,
8.8585

■ 109.2598,
-50.8246, 17.7965

■ 22.6123, -23.5767,
7.4803

■ 122.8452,
-53.6636, 19.0643

■ 15.2112, -19.0082,
6.0122

■ 136.9513,
-56.4426, 20.3392

■ 8.8374, -15.4655,
6.1862

151.5594,

0.0000, NaN, NaN

-59.1705, 21.6224

0.0000, NaN, NaN

166.6529,
-61.8547, 22.9151

0.0000, NaN, NaN

■ 60.5830, -38.5987,
12.7504

■ 60.5830, -38.5987,
12.7504

■ 60.1703, -40.5688,
14.4849

■ 61.1519, -36.0129,
11.0947

■ 59.8914, -41.9824,
16.2633

■ 61.8863, -32.7805,
9.5445

■ 59.7900, -42.5156,
17.0467

■ 62.7960, -28.8963,
8.1249

■ 63.8864, -24.3743,
6.8562

■ 65.1597, -19.2445,
5.7543

■ 66.6156, -13.5488,
4.8303

■ 68.2517, -7.3376,
4.0909

■ 70.0637, -0.6659,
3.5384

■ 72.0462, 6.4099,
3.1717

Harmonies

Analogous

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



60.5842, -30.0715, 25.2538



60.5830, -38.5987, 12.7504



60.5842, -38.6115, -7.9084

Triad

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



60.5842, -38.5992, 12.7510



60.5842, 7.9531, -49.1791



60.5842, 29.3295, 25.2293

Complementary

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



60.5830, -38.5987, 12.7504



35.7858, 49.8659, 6.8955

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.



60.5842, 42.7519, 12.7028



60.5830, -38.5987, 12.7504



60.5842, 29.2760, -32.1980

Square

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



60.5842, -38.5992, 12.7510



60.5842, -13.7241, -49.1518



60.5842, 42.7310, -7.9769



60.5842, 8.0183, 30.5300

Rectangle

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



60.5830, -38.5987, 12.7504



60.5842, -33.8734, -24.2480



60.5842, 42.7310, -7.9769



60.5842, 35.0388, 21.9672

Sweetspot

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



60.5842, -38.5992, 12.7510



88.1308, -24.3189, 7.4586



60.5914, -41.3337, 34.1827



40.6116, -12.5132, 3.6894



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.5842, -38.5992, 12.7510



80.7323, -56.0198, 21.1706



54.2693, -21.1270, -16.4739



31.8745, -4.5976, 2.0506



49.6488, -35.2120, 13.9559



9.3797, -6.2577, 1.7847

Inverse Universe

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



35.7858, 49.8659, 6.8955



44.5045, 74.7389, 15.1838



38.1252, 37.7783, 20.2922



30.0980, 1.4234, 1.3972



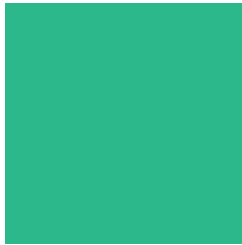
26.9379, 46.9985, 10.6900



5.1719, 9.2418, 0.3591

Previews

White Background



This preview shows how the HunterLab color 60.5830, -38.5987, 12.7504 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 60.5830, -38.5987, 12.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

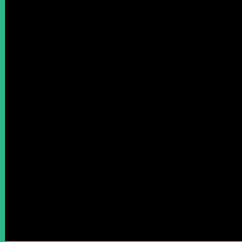
Any Text WCAG AA ✓ Pass

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 60.5830, -38.5987, 12.7504 Background



This preview shows how black text looks on a background with the HunterLab color 60.5830, -38.5987, 12.7504.



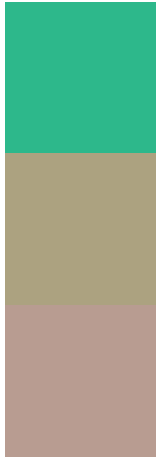
This preview shows how white text looks on a background with the HunterLab color 60.5830,

-38.5987, 12.7504.

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

60.5830, -38.5987, 12.7504

Protanopia

60.1414, -4.8401, 16.8411

Deuteranopia

60.0097, 4.3457, 10.5870



Tritanopia

60.4844, -23.8091, -11.4635

Trichromacy



Original Color

60.5830, -38.5987, 12.7504



Protanomaly

59.0347, -21.2377, 14.0810



Deuteranomaly

58.5168, -16.1785, 9.4446



Tritanomaly

60.5353, -29.9953, -1.4504

Monochromacy



Original Color

60.5830, -38.5987, 12.7504



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

52.8103, -18.5578, 5.2215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.5830, -38.5987, 12.7504 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(45, 184, 139)` looks like.

```
.text, #text, p{  
    color:rgb(45, 184, 139)  
}
```

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(45, 184, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 184, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 60.5830, -38.5987, 12.7504 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(45, 184, 139) }
```


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

```
.border{ border-color:rgb(45, 184, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 184, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 184, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 184, 139);  
box-shadow:4px 4px 4px 4px rgb(45, 184,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.5830, -38.5987, 12.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 184, 139) }
```

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

```
.background{ background-color: rgb(45, 184,  
139) }
```

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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