

Converting Colors

HunterLab(33.0980, -20.9511,
3.5266)

Have a look what the booklet for
HunterLab(33.0980, -20.9511,
3.5266) contains.

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Color

**HunterLab(33.1853,
-20.8767, 3.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	006A58
RGB	0, 106, 88
RGB Percent	0%, 42%, 35%
CMY	1.0000, 0.5843, 0.6549
CMYK	1.00, 0.00, 0.17, 0.58
HSL	170°, 100%, 21%
HSV	170°, 100%, 42%
XYZ	6.9155, 11.0126, 10.9937
YIQ	72.2540, -57.3980, -28.0700

Conversions

Conversions Part 2

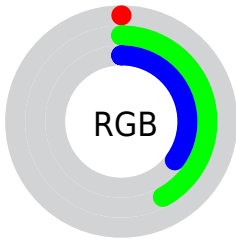
Format	Color
RYB	0, 58, 106
Decimal	27224
CIELab	39.60, -30.93, 2.74
CIELCh	40, 31.047, 174.946
Yxy	11.0131, 0.2391, 0.3808
Android (android.graphics.Color)	4278217304 (0xFF006A58)
YUV	72.2540, 7.7628, -63.3668
Hunter-Lab	33.1853, -20.8767, 3.5880

Details

The HunterLab color **33.1853, -20.8767, 3.5880** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.6299, 30.4374, 9.4706**, and the grayscale version is **25.5358, -1.3625, 1.3874**.

A 20% lighter version of the original color is **52.5989, -25.9175, 4.8540**, and **17.8900, -11.8601, 3.2417** is the 20% darker color. If you saturate the color by 10%, you get **33.1858, -20.8773, 3.5887**, and if you desaturate by 10%, it is **33.3343, -20.1865, 3.0612**.

Distribution



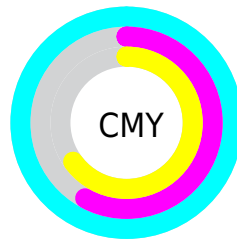
- Red (0%)
- Green (42%)
- Blue (35%)



- Red (0%)
- Yellow (23%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1853, -20.8767, 3.5880 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 33.1853, -20.8767, 3.5880 by changing the saturation by 10% instead.

■ 33.1853, -20.8767,
3.5880

■ 33.1853, -20.8767,
3.5880

140.6262,
-41.0721, 10.5899

■ 24.6488, -18.1126,
2.9453

■ 52.6159, -25.8899,
4.9578

■ 17.0033, -15.0703,
2.3285

■ 63.3932, -28.2265,
5.6841

■ 10.3690, -13.7485,
1.7332

■ 74.8198, -30.4850,
6.4375

0.0000, NaN, NaN

■ 86.8609, -32.6823,
7.2175

0.0000, NaN, NaN

■ 99.4864, -34.8311,
8.0233

0.0000, NaN, NaN

■ 112.6705,

0.0000, NaN, NaN

-36.9409, 8.8544

0.0000, NaN, NaN

126.3905,
-39.0193, 9.7101

33.1853, -20.8767,
3.5880

33.1853, -20.8767,
3.5880

33.1858, -20.8773,
3.5887

33.3343, -20.1865,
3.0612

33.5200, -19.3480,
2.5679

33.7785, -18.2240,
2.1537

34.1163, -16.7973,
1.8295

34.5378, -15.0611,
1.6033

■ 35.0462, -13.0170,
1.4810

■ 35.6432, -10.6741,
1.4658

■ 36.3291, -8.0475,
1.5586

■ 37.1037, -5.1565,
1.7586

Harmonies

Analogous

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



33.1859, -17.8521, 11.6756



33.1853, -20.8767, 3.5880



33.1859, -19.3731, -8.2261

Triad

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



33.1859, -20.8769, 3.5884



33.1859, 7.9694, -23.1509



33.1859, 11.7532, 14.7275

Complementary

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



33.1853, -20.8767, 3.5880



17.6299, 30.4374, 9.4706

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.



33.1859, 20.4888, 9.4407



33.1853, -20.8767, 3.5880



33.1859, 18.1061, -12.5103

Square

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



33.1859, -20.8769, 3.5884



33.1859, -3.6783, -26.3355



33.1859, 22.9569, -0.0802



33.1859, 0.1773, 16.5708

Rectangle

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



33.1853, -20.8767, 3.5880



33.1859, -15.8828, -16.5186



33.1859, 22.9569, -0.0802



33.1859, 15.1777, 13.4031

Sweetspot

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



33.1859, -20.8769, 3.5884



47.1478, -14.4147, 1.9380



32.3285, -26.5855, 19.4549



22.6985, -7.4477, 0.9354



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.1859, -20.8769, 3.5884



43.9466, -27.7566, 4.9891



23.9418, -5.0124, -19.1038



18.6642, -2.4329, 0.8958



36.9632, -23.2917, 4.0793



83.3705, -52.9805, 10.1638

Inverse Universe

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



17.6299, 30.4374, 9.4706



23.3262, 40.2188, 12.9654



20.4549, 20.9610, 12.9706



17.6760, 0.5622, 1.1163



19.6289, 33.8710, 10.7003



44.2048, 76.0734, 25.6860

Previews

White Background



This preview shows how the HunterLab color 33.1853, -20.8767, 3.5880 looks on a white 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

Black Background



This preview shows how the HunterLab color 33.1853, -20.8767, 3.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

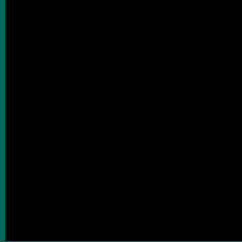
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.1853, -20.8767, 3.5880 Background



This preview shows how black text looks on a background with the HunterLab color 33.1853, -20.8767, 3.5880.



This preview shows how white text looks on a background with the HunterLab color 33.1853,

-20.8767, 3.5880.

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

33.1853, -20.8767, 3.5880

Protanopia

33.1956, -1.9725, 6.5165

Deuteranopia

33.0926, 2.1658, 2.6967



Tritanopia

33.3759, -14.1005, -6.3964

Trichromacy



Original Color

33.1853, -20.8767, 3.5880

Protanomaly

32.2484, -12.4052, 4.2334

Deuteranomaly

32.0346, -9.9510, 1.6628

Tritanomaly

33.2094, -16.7989, -2.7400

Monochromacy



Original Color

33.1853, -20.8767, 3.5880

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

27.3341, -10.7937, 1.0200

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1853, -20.8767, 3.5880 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, 106, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 88)  
}
```

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, 106, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1853, -20.8767, 3.5880 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, 106, 88) }
```


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

```
.border{ border-color:rgb(0, 106, 88) }
```

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

Here you see how a box with a 4 pixel rgb(0, 106, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 106, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1853, -20.8767, 3.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 88) }
```

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

```
.background{ background-color: rgb(0, 106,  
88) }
```

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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