

Converting Colors

HunterLab(33.7892, -19.6657,
0.2186)

Have a look what the booklet for
HunterLab(33.7892, -19.6657,
0.2186) contains.

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Color

**HunterLab(33.7598,
-19.6238, 0.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	006B62
RGB	0, 107, 98
RGB Percent	0%, 42%, 38%
CMY	1.0000, 0.5804, 0.6157
CMYK	1.00, 0.00, 0.08, 0.58
HSL	175°, 100%, 21%
HSV	175°, 100%, 42%
XYZ	7.4623, 11.3972, 13.3619
YIQ	73.9810, -60.8830, -25.4830

Conversions

Conversions Part 2

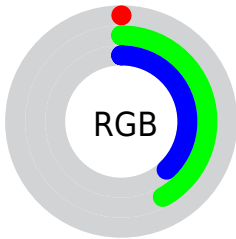
Format	Color
RYB	0, 56, 107
Decimal	27490
CIELab	40.24, -28.32, -2.42
CIELCh	40, 28.425, 184.882
Yxy	11.3977, 0.2316, 0.3537
Android (android.graphics.Color)	4278217570 (0xFF006B62)
YUV	73.9810, 11.8414, -64.8813
Hunter-Lab	33.7598, -19.6238, 0.1653

Details

The HunterLab color **33.7598, -19.6238, 0.1653** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.7365, 30.4829, 10.5980**, and the grayscale version is **26.1376, -1.3946, 1.4201**.

A 20% lighter version of the original color is **53.3123, -24.1665, 0.8058**, and **18.3735, -10.9379, 0.6465** is the 20% darker color. If you saturate the color by 10%, you get **33.7603, -19.6244, 0.1659**, and if you desaturate by 10%, it is **33.8879, -19.0639, -0.0617**.

Distribution



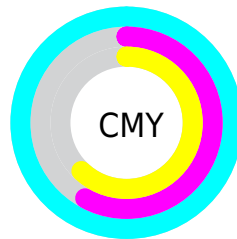
- Red (0%)
- Green (42%)
- Blue (38%)



- Red (0%)
- Yellow (22%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7598, -19.6238, 0.1653 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 33.7598, -19.6238, 0.1653 by changing the saturation by 10% instead.

■ 33.7598, -19.6238,
0.1653

■ 33.7598, -19.6238,
0.1653

141.5542,
-38.4987, 5.0499

■ 25.1694, -17.0831,
-0.1541

■ 53.2853, -24.2626,
0.9664

■ 17.4637, -14.3025,
-0.4100

■ 64.1053, -26.4367,
1.4368

■ 10.7601, -12.4210,
-0.5890

■ 75.5722, -28.5446,
1.9489

■ 1.6379, -2.8664,
-6.0322

■ 87.6515, -30.6012,
2.4998

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3135,
-32.6174, 3.0872

0.0000, NaN, NaN

■ 113.5326,

0.0000, NaN, NaN

-34.6016, 3.7092

0.0000, NaN, NaN

127.2861,
-36.5603, 4.3639

33.7598, -19.6238,
0.1653

33.7598, -19.6238,
0.1653

33.7603, -19.6244,
0.1659

33.8879, -19.0639,
-0.0617

34.0528, -18.3573,
-0.2424

34.2904, -17.3681,
-0.3301

34.6073, -16.0776,
-0.3154

35.0083, -14.4768,
-0.1922

■ 35.4967, -12.5654,
0.0427

■ 36.0744, -10.3508,
0.3902

■ 36.7421, -7.8463,
0.8487

■ 37.4996, -5.0700,
1.4150

Harmonies

Analogous

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



33.7604, -18.1774, 9.0031



33.7598, -19.6238, 0.1653



33.7604, -16.7923, -11.0631

Triad

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



33.7604, -19.6239, 0.1657



33.7604, 10.5088, -17.9686



33.7604, 7.1821, 14.9929

Complementary

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



33.7598, -19.6238, 0.1653



17.7365, 30.4829, 10.5980

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.



33.7604, 16.3655, 11.0636



33.7598, -19.6238, 0.1653



33.7604, 18.4444, -7.3525

Square

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



33.7604, -19.6239, 0.1657



33.7604, -0.0715, -23.3792



33.7604, 20.7080, 3.4283



33.7604, -3.5006, 15.8997

Rectangle

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



33.7598, -19.6238, 0.1653



33.7604, -12.6293, -17.8987



33.7604, 20.7080, 3.4283



33.7604, 10.5865, 14.0563

Sweetspot

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



33.7604, -19.6239, 0.1657



48.2012, -14.1198, 0.4764



32.5345, -27.3517, 19.5683



23.5881, -7.4271, 0.1555



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.7604, -19.6239, 0.1657



45.1661, -26.3170, 0.3571



21.7980, -1.3051, -24.4269



18.6755, -2.3702, 0.7350



37.2334, -21.6620, 0.2236



84.0100, -49.1210, 1.0330

Inverse Universe

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



17.7365, 30.4829, 10.5980



23.7134, 40.7198, 14.4714



21.9991, 17.6543, 13.8641



17.6650, 0.5032, 1.2724



19.5559, 33.6007, 11.7794



44.0785, 75.6053, 27.5566

Previews

White Background



This preview shows how the HunterLab color 33.7598, -19.6238, 0.1653 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 33.7598, -19.6238, 0.1653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

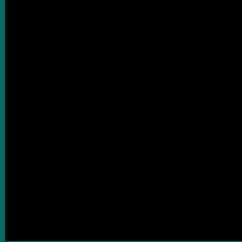
Any Text WCAG AA × Fail

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 33.7598, -19.6238, 0.1653 Background



This preview shows how black text looks on a background with the HunterLab color 33.7598, -19.6238, 0.1653.



This preview shows how white text looks on a background with the HunterLab color 33.7598,

-19.6238, 0.1653.

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

33.7598, -19.6238, 0.1653

Protanopia

33.6186, -1.3790, 3.2362

Deuteranopia

33.7055, 2.1454, -0.8507



Tritanopia

33.9338, -14.8919, -6.6474

Trichromacy



Original Color

33.7598, -19.6238, 0.1653

Protanomaly

32.7963, -11.3003, 0.8668

Deuteranomaly

32.4953, -9.1357, -2.1345

Tritanomaly

33.9263, -16.7959, -4.1828

Monochromacy



Original Color

33.7598, -19.6238, 0.1653

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

28.0793, -10.6063, -0.1633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7598, -19.6238, 0.1653 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, 107, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 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, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7598, -19.6238, 0.1653 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, 107, 98) }
```


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

```
.border{ border-color:rgb(0, 107, 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, 107, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(0, 107, 98)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.7598, -19.6238, 0.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 98) }
```

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

```
.background{ background-color: rgb(0, 107,  
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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