

Converting Colors

HunterLab(17.0795, -8.0254,
0.2539)

Have a look what the booklet for
HunterLab(17.0795, -8.0254, 0.2539)
contains.

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Color

**HunterLab(17.0193, -8.0006,
0.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	123531
RGB	18, 53, 49
RGB Percent	7%, 21%, 19%
CMY	0.9294, 0.7922, 0.8078
CMYK	0.66, 0.00, 0.08, 0.79
HSL	173°, 49%, 14%
HSV	173°, 66%, 21%
XYZ	2.0769, 2.8966, 3.3554
YIQ	42.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

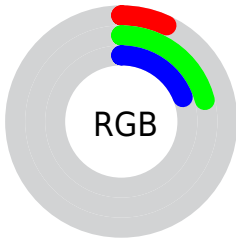
Format	Color
RYB	18, 37, 53
Decimal	1193265
CIELab	19.63, -13.77, -1.28
CIELCh	20, 13.828, 185.315
Yxy	2.8967, 0.2494, 0.3478
Android (android.graphics.Color)	4279383345 (0xFF123531)
YUV	42.0790, 3.4121, -21.1173
Hunter-Lab	17.0193, -8.0006, 0.2244

Details

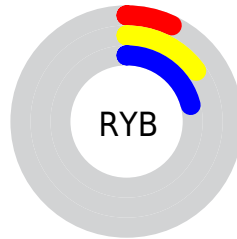
The HunterLab color **17.0193, -8.0006, 0.2244** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.1692, 9.6908, 3.0222**, and the grayscale version is **15.2362, -0.8130, 0.8278**.

A 20% lighter version of the original color is **33.2632, -10.9726, 1.0068**, and **0.6620, 1.7958, -4.7041** is the 20% darker color. If you saturate the color by 10%, you get **16.8710, -8.6127, 0.2671**, and if you desaturate by 10%, it is **17.2016, -7.2661, 0.2241**.

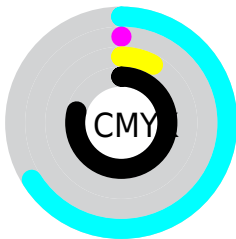
Distribution



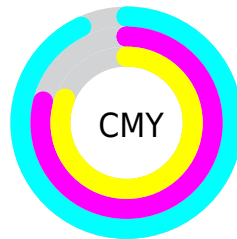
- Red (7%)
- Green (21%)
- Blue (19%)



- Red (7%)
- Yellow (15%)
- Blue (21%)



- Cyan (66%)
- Magenta (0%)
- Yellow (8%)
- Black (79%)



- Cyan (93%)
- Magenta (79%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0193, -8.0006, 0.2244 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 17.0193, -8.0006, 0.2244 by changing the saturation by 10% instead.

■ 17.0193, -8.0006,
0.2244

■ 17.0193, -8.0006,
0.2244

■ 112.7012,
-20.2376, 4.8362

■ 10.3828, -6.5366,
-0.0349

■ 33.2063, -10.9326,
0.9371

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.5520, -12.3100,
1.3727

0.0000, NaN, NaN

■ 52.6397, -13.6571,
1.8540

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4185, -14.9855,
2.3771

0.0000, NaN, NaN

■ 74.8466, -16.3029,
2.9392

0.0000, NaN, NaN

■ 86.8890, -17.6149,

0.0000, NaN, NaN

3.5377

■ 99.5158, -18.9255,
4.1706

■ 17.0193, -8.0006,
0.2244

■ 17.0193, -8.0006,
0.2244

■ 16.8710, -8.6127,
0.2671

■ 17.2016, -7.2661,
0.2241

■ 16.7503, -9.1194,
0.3445

■ 17.4180, -6.4092,
0.2670

■ 16.6331, -9.6165,
0.4253

■ 17.6696, -5.4327,
0.3540

■ 16.5864, -9.8153,
0.4568

■ 17.9565, -4.3410,
0.4849

■ 18.2789, -3.1405,
0.6590

■ 18.6363, -1.8384,
0.8751

■ 19.0281, -0.4430,
1.1315

■ 19.4537, 1.0373,
1.4260

■ 19.9120, 2.5938,
1.7563

Harmonies

Analogous

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



17.0196, -7.4329, 3.7433



17.0193, -8.0006, 0.2244



17.0196, -6.8182, -3.9458

Triad

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



17.0196, -8.0007, 0.2246



17.0196, 3.8392, -6.3093



17.0196, 2.4729, 6.3838

Complementary

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



17.0193, -8.0006, 0.2244



11.1692, 9.6908, 3.0222

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.



17.0196, 5.9356, 4.6821



17.0193, -8.0006, 0.2244



17.0196, 6.7747, -2.4732

Square

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



17.0196, -8.0007, 0.2246



17.0196, -0.1804, -8.2425



17.0196, 7.5756, 1.5996



17.0196, -1.6256, 6.7827

Rectangle

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



17.0193, -8.0006, 0.2244



17.0196, -5.1246, -6.3749



17.0196, 7.5756, 1.5996



17.0196, 3.7616, 5.9685

Sweetspot

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



17.0196, -8.0007, 0.2246



23.3685, -4.8392, 0.7315



16.6178, -10.6586, 8.0113



12.6419, -2.6866, 0.3869



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.0196, -8.0007, 0.2246



21.6557, -11.5689, 0.4132



13.6945, -2.6283, -6.1905



9.8463, -1.1264, 0.4382



27.8418, -16.6268, 1.0927



73.0079, -43.9999, 3.7295

Inverse Universe

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



11.1692, 9.6908, 3.0222



12.8032, 15.7845, 4.9528



13.4259, 4.1378, 5.8179



9.4166, 0.1230, 0.6205



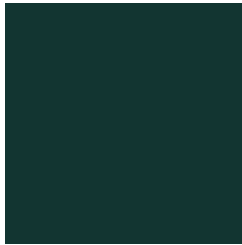
14.6921, 25.3129, 8.3142



38.4482, 66.0238, 23.4488

Previews

White Background



This preview shows how the HunterLab color 17.0193, -8.0006, 0.2244 looks on a white background.

Color Contrast Check

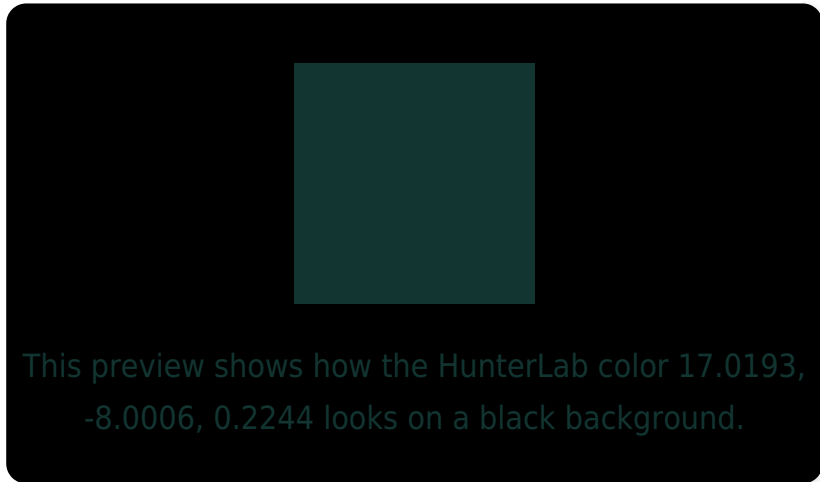
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

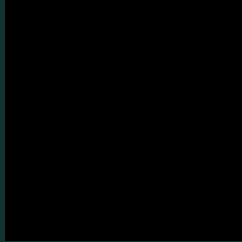
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 17.0193, -8.0006, 0.2244 Background



This preview shows how black text looks on a background with the HunterLab color 17.0193, -8.0006, 0.2244.



This preview shows how white text looks on a background with the HunterLab color 17.0193, -8.0006,

0.2244.

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

17.0193, -8.0006, 0.2244

Protanopia

16.9802, -0.5302, 1.4285

Deuteranopia

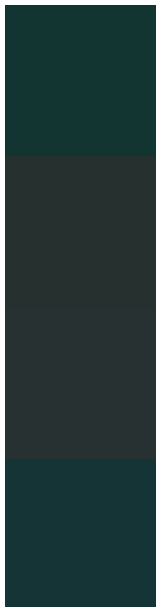
16.9944, 0.9086, -0.0401



Tritanopia

17.0321, -6.2147, -2.6377

Trichromacy



Original Color

17.0193, -8.0006, 0.2244

Protanomaly

16.7748, -3.7033, 0.7664

Deuteranomaly

16.9064, -3.0774, -0.2189

Tritanomaly

16.9167, -6.8222, -1.5002

Monochromacy



Original Color

17.0193, -8.0006, 0.2244

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.7060, -3.8706, 0.2383

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0193, -8.0006, 0.2244 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(18, 53, 49)` looks like.

```
.text, #text, p{  
    color:rgb(18, 53, 49)  
}
```

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(18, 53, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 53, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0193, -8.0006, 0.2244 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(18, 53, 49) }
```


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

```
.border{ border-color:rgb(18, 53, 49) }
```

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

Here you see how a box with a 4 pixel rgb(18, 53, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 53, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 53, 49);  
box-shadow:4px 4px 4px 4px rgb(18, 53, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0193, -8.0006, 0.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 53, 49) }
```

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

```
.background{ background-color: rgb(18, 53,  
49) }
```

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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