

Converting Colors

HunterLab(17.7831, -10.5339,
10.5586)

Have a look what the booklet for
HunterLab(17.7831, -10.5339,
10.5586) contains.

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Color

**HunterLab(17.7653,
-10.4682, 10.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	213802
RGB	33, 56, 2
RGB Percent	13%, 22%, 1%
CMY	0.8706, 0.7804, 0.9922
CMYK	0.41, 0.00, 0.96, 0.78
HSL	86°, 93%, 11%
HSV	86°, 96%, 22%
XYZ	2.0523, 3.1561, 0.5584
YIQ	42.9670, 3.6260, -21.6700

Conversions

Conversions Part 2

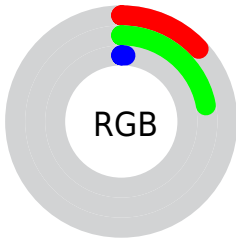
Format	Color
R_{YB}	2, 56, 25
Decimal	2177026
CIE Lab	20.66, -18.78, 27.63
CIE LCh	21, 33.408, 124.202
Yxy	3.1562, 0.3559, 0.5473
Android (android.graphics.Color)	4280367106 (0xFF213802)
YUV	42.9670, -20.1967, -8.7411
Hunter-Lab	17.7653, -10.4682, 10.5720

Details

The HunterLab color **17.7653, -10.4682, 10.5720** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7.3191, 14.9099, -25.5385**, and the grayscale version is **15.5954, -0.8321, 0.8473**.

A 20% lighter version of the original color is **34.0994, -14.0647, 15.7134**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.7142, -10.7005, 10.7281**, and if you desaturate by 10%, it is **17.9144, -9.8062, 10.1446**.

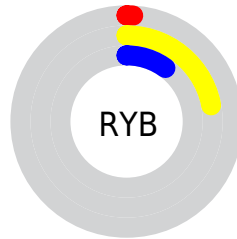
Distribution



Red (13%)

Green (22%)

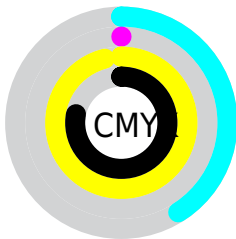
Blue (1%)



Red (1%)

Yellow (22%)

Blue (10%)

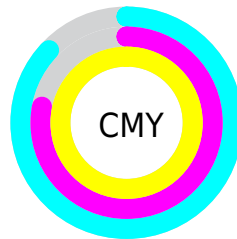


Cyan (41%)

Magenta (0%)

Yellow (96%)

Black (78%)



Cyan (87%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7653, -10.4682, 10.5720 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 17.7653, -10.4682, 10.5720 by changing the saturation by 10% instead.

■ 17.7653, -10.4682,
10.5720

■ 17.7653, -10.4682,
10.5720

■ 114.0950,
-25.3897, 30.7804

■ 11.0173, -8.5363,
7.7121

■ 34.1362, -14.1821,
15.7671

■ 2.7008, -4.7264,
1.8906

■ 43.5612, -15.8911,
18.1682

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7226, -17.5429,
20.4447

0.0000, NaN, NaN

■ 64.5703, -19.1545,
22.6276

0.0000, NaN, NaN

■ 76.0634, -20.7376,
24.7385

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.1675, -22.3007,

26.7934

0.0000, NaN, NaN

■ 100.8532,
-23.8499, 28.8043

■ 17.7653, -10.4682,
10.5720

■ 17.7653, -10.4682,
10.5720

■ 17.7142, -10.7005,
10.7281

■ 17.9144, -9.8062,
10.1446

■ 18.0715, -9.1135,
9.7043

■ 18.2457, -8.3406,
9.1237

■ 18.4387, -7.4805,
8.3812

■ 18.6506, -6.5337,
7.4729

■ 18.8818, -5.5015,
6.3971

■ 19.1323, -4.3861,
5.1539

■ 19.4021, -3.1904,
3.7452

■ 19.6910, -1.9178,
2.1740

Harmonies

Analogous

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



17.7657, -2.3280, 11.8992



17.7653, -10.4682, 10.5720



17.7657, -15.0927, 7.2007

Triad

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



17.7657, -10.4686, 10.5721



17.7657, -8.5269, -24.4345



17.7657, 22.4203, 2.2486

Complementary

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



17.7653, -10.4682, 10.5720



7.3191, 14.9099, -25.5385

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.



17.7657, 19.7477, -8.9079



17.7653, -10.4682, 10.5720



17.7657, 0.4737, -28.4112

Square

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



17.7657, -10.4686, 10.5721



17.7657, -14.1568, -12.5936



17.7657, 11.1251, -21.6075



17.7657, 17.7887, 8.4532

Rectangle

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



17.7653, -10.4682, 10.5720



17.7657, -16.2486, 2.7079



17.7657, 11.1251, -21.6075



17.7657, 22.3522, -0.9701

Sweetspot

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



17.7657, -10.4686, 10.5721



25.0218, -6.3754, 7.4666



12.3260, 7.0884, 7.4429



13.3708, -3.5350, 4.1333



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.7657, -10.4686, 10.5721



23.2221, -14.3595, 14.0580



16.9553, -13.8109, 10.0050



10.6545, -1.1757, 1.3492



28.9282, -18.1543, 17.5076



74.3282, -48.4289, 44.9529

Inverse Universe

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



7.3191, 14.9099, -25.5385



8.9043, 20.7936, -37.2286



10.2268, 19.2140, -15.0536



10.0763, 0.0888, -0.2723



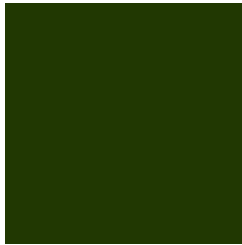
10.9661, 25.7940, -47.2872



27.3478, 65.5928, -127.7442

Previews

White Background



This preview shows how the HunterLab color 17.7653, -10.4682, 10.5720 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 17.7653, -10.4682, 10.5720 Background



This preview shows how black text looks on a background with the HunterLab color 17.7653, -10.4682, 10.5720.



This preview shows how white text looks on a background with the HunterLab color 17.7653,

-10.4682, 10.5720.

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

17.7653, -10.4682, 10.5720

Protanopia

17.6691, -2.9222, 10.8364

Deuteranopia

17.6464, 0.7478, 9.8229



Tritanopia

17.8125, -3.3283, -1.5357

Trichromacy



Original Color

17.7653, -10.4682, 10.5720

Protanomaly

17.5686, -5.8283, 10.6267

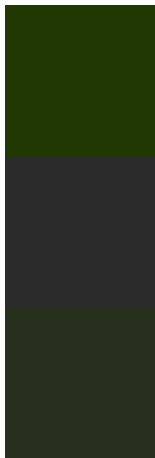
Deuteranomaly

17.4034, -3.7827, 9.8751

Tritanomaly

17.5126, -6.6484, 5.0240

Monochromacy



Original Color

17.7653, -10.4682, 10.5720

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.2144, -5.2212, 5.8827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7653, -10.4682, 10.5720 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(33, 56, 2)` looks like.

```
.text, #text, p{  
    color:rgb(33, 56, 2)  
}
```

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(33, 56, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 56, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7653, -10.4682, 10.5720 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(33, 56, 2) }
```


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

```
.border{ border-color:rgb(33, 56, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 56, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 56, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 56, 2); box-shadow:4px  
4px 4px 4px rgb(33, 56, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7653, -10.4682, 10.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 56, 2) }
```

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

```
.background{ background-color: rgb(33, 56,  
2) }
```

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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