

Converting Colors

HunterLab(17.5098, -1.9144,
0.4000)

Have a look what the booklet for
HunterLab(17.5098, -1.9144, 0.4000)
contains.

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Color

**HunterLab(17.5197, -2.1466,
0.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3232
RGB	45, 50, 50
RGB Percent	18%, 20%, 20%
CMY	0.8235, 0.8039, 0.8039
CMYK	0.10, 0.00, 0.00, 0.80
HSL	180°, 5%, 19%
HSV	180°, 10%, 20%
XYZ	2.7985, 3.0694, 3.4626
YIQ	48.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
RYB	45, 48, 50
Decimal	2961970
CIELab	20.32, -2.16, -0.74
CIElCh	20, 2.281, 199.028
Yxy	3.0695, 0.2999, 0.3290
Android (android.graphics.Color)	4281152050 (0xFF2D3232)
YUV	48.5050, 0.7370, -3.0739
Hunter-Lab	17.5197, -2.1466, 0.5457

Details

The HunterLab color **17.5197, -2.1466, 0.5457** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.5663, 0.3980, 1.3294**, and the grayscale version is **17.3589, -0.9262, 0.9431**.

A 20% lighter version of the original color is **33.8148, -3.1759, 1.3775**, and **2.2359, -0.8675, -0.9219** is the 20% darker color. If you saturate the color by 10%, you get **17.2126, -3.2478, 0.1552**, and if you desaturate by 10%, it is **17.8599, -0.9532, 0.9703**.

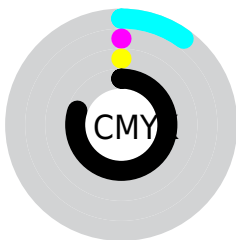
Distribution



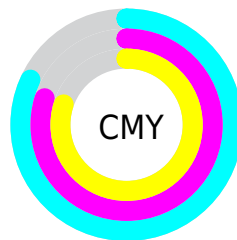
- Red (18%)
- Green (20%)
- Blue (20%)



- Red (18%)
- Yellow (19%)
- Blue (20%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (80%)



- Cyan (82%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5197, -2.1466, 0.5457 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 17.5197, -2.1466, 0.5457 by changing the saturation by 10% instead.

■ 17.5197, -2.1466,
0.5457

■ 17.5197, -2.1466,
0.5457

■ 113.6377, -8.3506,
5.4317

■ 10.8081, -1.6029,
0.2397

■ 33.8306, -3.3226,
1.3359

■ 1.8828, -3.2950,
-1.5345

■ 43.2297, -3.9559,
1.8051

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.3670, -4.6189,
2.3176

0.0000, NaN, NaN

■ 64.1921, -5.3108,
2.8699

0.0000, NaN, NaN

■ 75.6640, -6.0307,
3.4596

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.7479, -6.7779,

100.4144, -7.5515,
4.7421

17.5197, -2.1466,
0.5457

17.5197, -2.1466,
0.5457

17.2126, -3.2478,
0.1552

17.8599, -0.9532,
0.9703

16.9380, -4.2489,
-0.1998

18.2315, 0.3262,
1.4256

16.6962, -5.1445,
-0.5171

18.6342, 1.6835,
1.9093

16.4872, -5.9301,
-0.7952

19.0670, 3.1108,
2.4186

16.3105, -6.6030,
-1.0331

19.5290, 4.6007,
2.9511

■ 16.1652, -7.1621,
-1.2306

■ 20.0189, 6.1459,
3.5041

■ 16.0503, -7.6086,
-1.3881

■ 20.5359, 7.7394,
4.0752

■ 15.9494, -8.0033,
-1.5273

■ 21.0786, 9.3750,
4.6624

■ 15.8479, -8.4032,
-1.6683

■ 21.6459, 11.0470,
5.2635

Harmonies

Analogous

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



17.5201, -2.1929, 1.1872



17.5197, -2.1466, 0.5457



17.5201, -1.7794, -0.0052

Triad

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



17.5201, -2.1470, 0.5460



17.5201, 0.0559, 0.1239



17.5201, -0.6879, 2.1239

Complementary

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



17.5197, -2.1466, 0.5457



16.5663, 0.3980, 1.3294

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.



17.5201, -0.0759, 1.8612



17.5197, -2.1466, 0.5457



17.5201, 0.3578, 0.7169

Square

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



17.5201, -2.1470, 0.5460



17.5201, -0.5102, -0.2552



17.5201, 0.3092, 1.3518



17.5201, -1.3573, 2.0821

Rectangle

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



17.5197, -2.1466, 0.5457



17.5201, -1.3983, -0.2399



17.5201, 0.3092, 1.3518



17.5201, -0.4684, 2.0687

Sweetspot

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



17.5201, -2.1470, 0.5460



22.4162, -1.6904, 1.0524



17.4086, -2.7783, 2.2230



12.2922, -0.9655, 0.5642



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.5201, -2.1470, 0.5460



22.0218, -3.0836, 0.5573



16.9360, -1.2018, -0.1499



9.8527, -1.0906, 0.3461



28.1277, -14.9148, -2.9605



73.8186, -39.1431, -7.7681

Inverse Universe

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



16.5663, 0.3980, 1.3294



20.5090, 0.9550, 1.8006



17.1295, -0.5652, 1.9520



9.4104, 0.0894, 0.7094



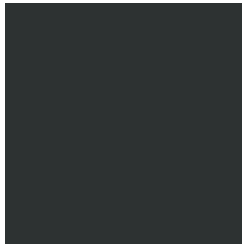
14.6160, 25.0305, 9.4428



38.3582, 65.6898, 24.7846

Previews

White Background



This preview shows how the HunterLab color 17.5197, -2.1466, 0.5457 looks on a white background.

Color Contrast Check

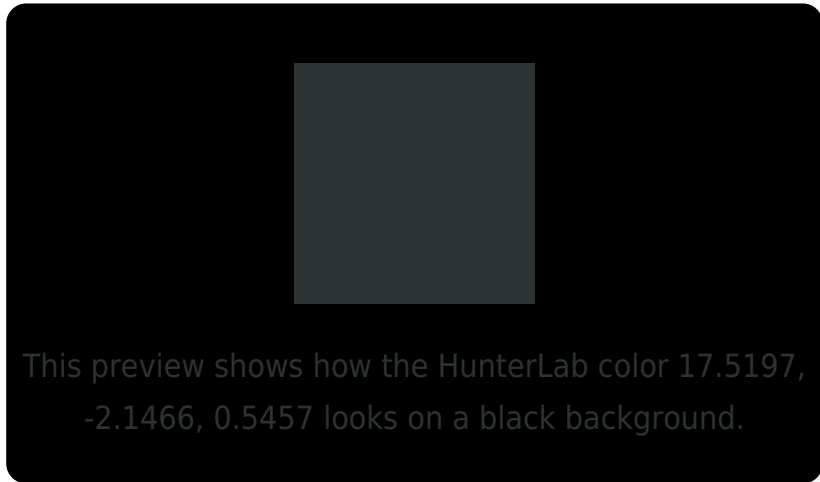
Large Text (above 18pt) WCAG AA ✓ Pass

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

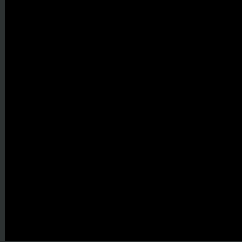
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

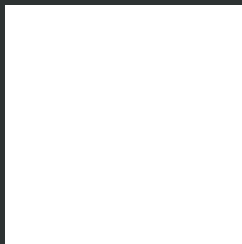
Any Text WCAG AAA × Fail

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

HunterLab 17.5197, -2.1466, 0.5457 Background



This preview shows how black text looks on a background with the HunterLab color 17.5197, -2.1466, 0.5457.



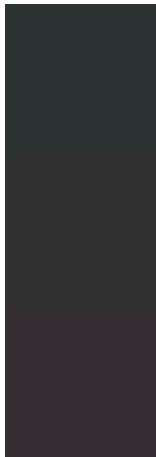
This preview shows how white text looks on a background with the HunterLab color 17.5197, -2.1466, 0.5457.

0.5457.

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

17.5197, -2.1466, 0.5457

Protanopia

17.5968, -0.6866, 1.0406

Deuteranopia

17.4038, 1.1560, 0.0746



Tritanopia

17.4198, -1.1003, -0.7491

Trichromacy



Original Color

17.5197, -2.1466, 0.5457

Protanomaly

17.4550, -1.1801, 0.8650

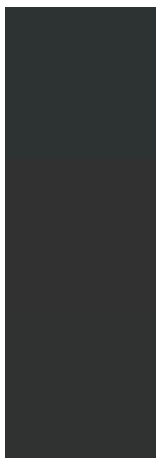
Deuteranomaly

17.4099, -0.0176, 0.0615

Tritanomaly

17.3937, -1.2440, -0.3781

Monochromacy



Original Color

17.5197, -2.1466, 0.5457

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.4550, -1.1801, 0.8650

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5197, -2.1466, 0.5457 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, 50, 50)` looks like.

```
.text, #text, p{  
    color:rgb(45, 50, 50)  
}
```

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, 50, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 50, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5197, -2.1466, 0.5457 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, 50, 50) }
```


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

```
.border{ border-color:rgb(45, 50, 50) }
```

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

Here you see how a box with a 4 pixel rgb(45, 50, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 50, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 50, 50);  
box-shadow:4px 4px 4px 4px rgb(45, 50, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5197, -2.1466, 0.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 50, 50) }
```

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

```
.background{ background-color: rgb(45, 50,  
50) }
```

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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