

Converting Colors

HunterLab(17.4448, -2.1044,
-0.0965)

Have a look what the booklet for
HunterLab(17.4448, -2.1044,
-0.0965) contains.

HunterLab(17.4805, -2.2356, 0.1094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.4805, -2.2356,
0.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3233
RGB	44, 50, 51
RGB Percent	17%, 20%, 20%
CMY	0.8274, 0.8039, 0.8000
CMYK	0.14, 0.02, 0.00, 0.80
HSL	189°, 7%, 19%
HSV	189°, 14%, 20%
XYZ	2.7768, 3.0557, 3.5754
YIQ	48.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

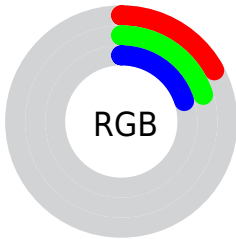
Format	Color
R_{YB}	44, 47, 51
Decimal	2896435
CIE _{Lab}	20.27, -2.32, -1.52
CIE _{LCh}	20, 2.774, 213.166
Yxy	3.0558, 0.2952, 0.3248
Android (android.graphics.Color)	4281086515 (0xFF2C3233)
YUV	48.3200, 1.3212, -3.7886
Hunter-Lab	17.4805, -2.2356, 0.1094

Details

The HunterLab color **17.4805, -2.2356, 0.1094** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.6204, 0.5372, 1.7503**, and the grayscale version is **17.2955, -0.9228, 0.9397**.

A 20% lighter version of the original color is **33.7675, -3.2875, 0.8927**, and **2.3318, -0.3220, -2.2195** is the 20% darker color. If you saturate the color by 10%, you get **16.9940, -3.0575, -0.5090**, and if you desaturate by 10%, it is **17.9959, -1.3291, 0.7470**.

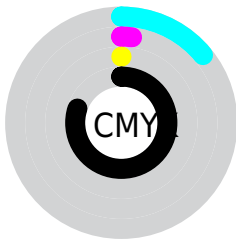
Distribution



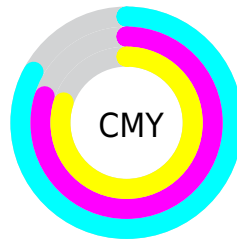
- Red (17%)
- Green (20%)
- Blue (20%)



- Red (17%)
- Yellow (18%)
- Blue (20%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4805, -2.2356, 0.1094 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 17.4805, -2.2356, 0.1094 by changing the saturation by 10% instead.

■ 17.4805, -2.2356,
0.1094

■ 17.4805, -2.2356,
0.1094

■ 113.5645, -8.5215,
4.6376

■ 10.7747, -1.6775,
-0.1365

■ 33.7818, -3.4350,
0.7992

■ 1.7161, -3.0032,
-3.5725

■ 43.1767, -4.0784,
1.2246

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.3101, -4.7507,
1.6963

0.0000, NaN, NaN

■ 64.1317, -5.4513,
2.2105

0.0000, NaN, NaN

■ 75.6001, -6.1794,
2.7640

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.6808, -6.9343,

100.3442, -7.7152,
3.9795

17.4805, -2.2356,
0.1094

17.4805, -2.2356,
0.1094

16.9940, -3.0575,
-0.5090

17.9959, -1.3291,
0.7470

16.5364, -3.7870,
-1.1062

18.5381, -0.3438,
1.4001

16.1087, -4.4180,
-1.6789

19.1064, 0.7131,
2.0667

15.7117, -4.9449,
-2.2241

19.6996, 1.8351,
2.7445

15.3456, -5.3630,
-2.7389

20.3165, 3.0160,
3.4316

■ 15.0106, -5.6694,
-3.2208

■ 20.9561, 4.2501,
4.1262

■ 14.7044, -5.8699,
-3.6705

■ 21.6171, 5.5321,
4.8270

■ 14.4026, -6.0572,
-4.1244

■ 22.2987, 6.8572,
5.5327

■ 14.2117, -6.1823,
-4.4175

■ 22.9996, 8.2211,
6.2423

Harmonies

Analogous

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



17.4809, -2.4825, 0.8684



17.4805, -2.2356, 0.1094



17.4809, -1.6408, -0.4426

Triad

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



17.4809, -2.2359, 0.1097



17.4809, 0.4978, 0.2598



17.4809, -1.0208, 2.3859

Complementary

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



17.4805, -2.2356, 0.1094



16.6204, 0.5372, 1.7503

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.



17.4809, -0.2152, 2.2395



17.4805, -2.2356, 0.1094



17.4809, 0.6711, 1.0343

Square

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



17.4809, -2.2359, 0.1097



17.4809, -0.0614, -0.3531



17.4809, 0.4079, 1.7535



17.4809, -1.7891, 2.1628

Rectangle

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



17.4805, -2.2356, 0.1094



17.4809, -1.1212, -0.6066



17.4809, 0.4079, 1.7535



17.4809, -0.7454, 2.3782

Sweetspot

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



17.4809, -2.2359, 0.1097



23.1568, -1.7716, 0.9223



17.5844, -3.4162, 2.4274



12.2171, -0.9528, 0.4751



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.



17.4809, -2.2359, 0.1097



22.3268, -3.2230, -0.1096



16.6526, -0.8913, -0.9056



9.7725, -0.9614, 0.2520



24.4239, -10.3394, -8.2081



63.2750, -26.0664, -22.8183

Inverse Universe

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



16.5393, 1.7250, -0.5963



20.8482, 3.0227, -1.2307



17.4218, -0.8303, 2.6112



9.4587, 0.3502, 0.0212



16.3254, 31.1978, -14.5669



42.7210, 81.4408, -36.5793

Previews

White Background



This preview shows how the HunterLab color 17.4805, -2.2356, 0.1094 looks on a white background.

Color Contrast Check

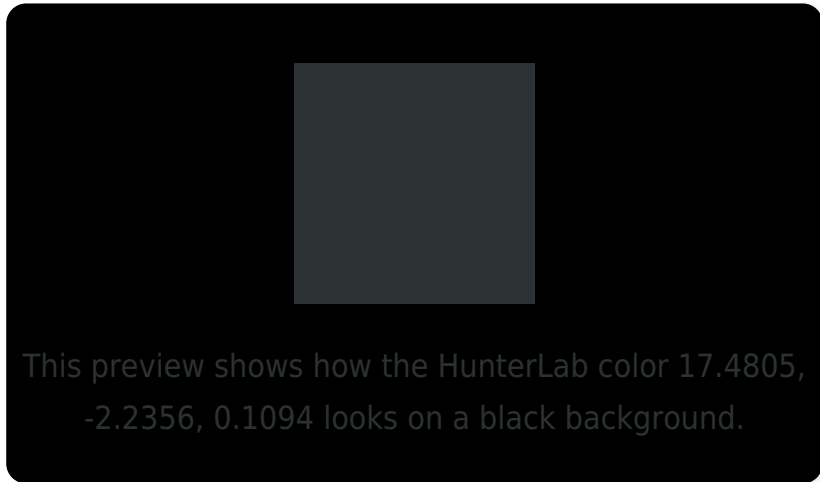
Large Text (above 18pt) WCAG AA ✓ Pass

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

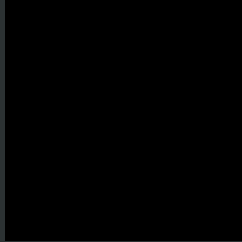
Any Text WCAG AA × Fail

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 17.4805, -2.2356, 0.1094 Background



This preview shows how black text looks on a background with the HunterLab color 17.4805, -2.2356, 0.1094.



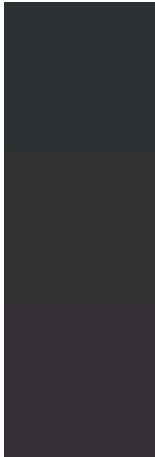
This preview shows how white text looks on a background with the HunterLab color 17.4805, -2.2356, 0.1094.

0.1094.

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

17.4805, -2.2356, 0.1094

Protanopia

17.5496, -0.8018, 0.6052

Deuteranopia

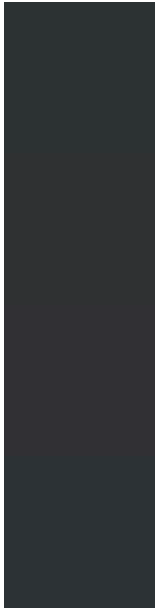
17.3523, 1.0342, -0.3901



Tritanopia

17.5585, -1.8035, -0.9969

Trichromacy



Original Color

17.4805, -2.2356, 0.1094

Protanomaly

17.4105, -1.2866, 0.4295

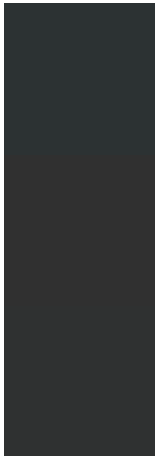
Deuteranomaly

17.3632, -0.1263, -0.3968

Tritanomaly

17.5320, -1.9501, -0.6215

Monochromacy



Original Color

17.4805, -2.2356, 0.1094

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.3860, -1.4216, 0.7791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4805, -2.2356, 0.1094 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(44, 50, 51)` looks like.

```
.text, #text, p{  
    color:rgb(44, 50, 51)  
}
```

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(44, 50, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 50, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4805, -2.2356, 0.1094 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(44, 50, 51) }
```


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

```
.border{ border-color:rgb(44, 50, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 50, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 50, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 50, 51);  
box-shadow:4px 4px 4px 4px rgb(44, 50, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4805, -2.2356, 0.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 50, 51) }
```

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

```
.background{ background-color: rgb(44, 50,  
51) }
```

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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