

Converting Colors

HunterLab(17.7392, -8.3438,
4.0751)

Have a look what the booklet for
HunterLab(17.7392, -8.3438, 4.0751)
contains.

HunterLab(17.7392, -8.3438, 4.0751)	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(17.7392, -8.3438,
4.0751)**

Conversions

Conversions Part 1

Format	Color
Hex	1D3728
RGB	29, 55, 40
RGB Percent	11%, 22%, 16%
CMY	0.8863, 0.7843, 0.8431
CMYK	0.47, 0.00, 0.27, 0.78
HSL	145°, 31%, 16%
HSV	145°, 47%, 22%
XYZ	2.2559, 3.1468, 2.4960
YIQ	45.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

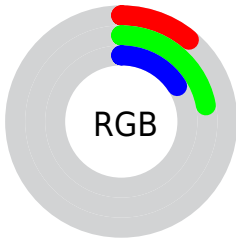
Format	Color
R_{YB}	29, 47, 55
Decimal	1914664
CIE Lab	20.62, -14.16, 6.33
CIE LCh	21, 15.514, 155.927
Yxy	3.1469, 0.2856, 0.3984
Android (android.graphics.Color)	4280104744 (0xFF1D3728)
YUV	45.5160, -2.7194, -14.4845
Hunter-Lab	17.7392, -8.3438, 4.0751

Details

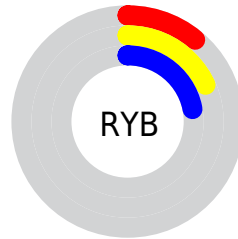
The HunterLab color **17.7392, -8.3438, 4.0751** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.6853, 8.2627, -1.7466**, and the grayscale version is **16.3808, -0.8740, 0.8900**.

A 20% lighter version of the original color is **34.0800, -11.3743, 5.8490**, and **2.9467, -2.5268, 1.7715** is the 20% darker color. If you saturate the color by 10%, you get **17.4732, -9.5093, 4.7095**, and if you desaturate by 10%, it is **18.0467, -7.0343, 3.4334**.

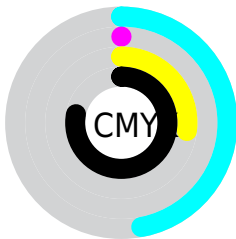
Distribution



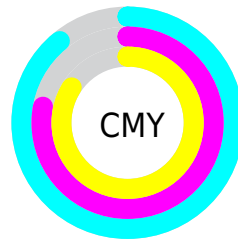
- Red (11%)
- Green (22%)
- Blue (16%)



- Red (11%)
- Yellow (18%)
- Blue (22%)



- Cyan (47%)
- Magenta (0%)
- Yellow (27%)
- Black (78%)



- Cyan (89%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7392, -8.3438, 4.0751 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 17.7392, -8.3438, 4.0751 by changing the saturation by 10% instead.

■ 17.7392, -8.3438,
4.0751

■ 17.7392, -8.3438,
4.0751

■ 114.0464,
-20.7685, 12.4265

■ 10.9951, -6.7083,
3.1774

■ 34.1037, -11.3222,
5.8662

■ 2.6261, -4.5957,
1.8383

■ 43.5260, -12.7220,
6.7622

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.6848, -14.0908,
7.6679

0.0000, NaN, NaN

■ 64.5301, -15.4400,
8.5868

0.0000, NaN, NaN

■ 76.0210, -16.7775,
9.5211


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.1230, -18.1089,


10.4719


0.0000, NaN, NaN


 100.8066,
-19.4383, 11.4403


 17.7392, -8.3438,
4.0751


 17.7392, -8.3438,
4.0751


 17.4732, -9.5093,
4.7095


 18.0467, -7.0343,
3.4334


 17.2470, -10.5235,
5.3303


 18.3947, -5.5887,
2.7895

 17.0603, -11.3833,
5.9317

 18.7829, -4.0177,
2.1487

 16.9063, -12.1093,
6.5034

 19.2108, -2.3329,
1.5154

 16.7591, -12.8058,
7.0195

 19.6774, -0.5463,
0.8938

■ 16.7196, -12.9930,
7.1501

■ 20.1813, 1.3303,
0.2871

■ 20.7213, 3.2850,
-0.3022

■ 21.2960, 5.3069,
-0.8719

■ 21.9036, 7.3860,
-1.4207

Harmonies

Analogous

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



17.7396, -5.8596, 6.5313



17.7392, -8.3438, 4.0751



17.7396, -8.9390, 0.0717

Triad

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



17.7396, -8.3441, 4.0753



17.7396, -0.0219, -9.6495



17.7396, 6.8251, 5.2388

Complementary

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



17.7392, -8.3438, 4.0751



13.6853, 8.2627, -1.7466

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.



17.7396, 8.7696, 1.8153



17.7392, -8.3438, 4.0751



17.7396, 4.5651, -7.3200

Square

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



17.7396, -8.3441, 4.0753



17.7396, -4.4239, -8.5996



17.7396, 7.9030, -2.8342



17.7396, 2.8192, 7.0730

Rectangle

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



17.7392, -8.3438, 4.0751



17.7396, -8.2434, -3.1357



17.7396, 7.9030, -2.8342



17.7396, 7.7592, 4.2740

Sweetspot

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



17.7396, -8.3441, 4.0753



24.3958, -4.6393, 2.5622



18.3314, -6.4321, 7.4234



12.7261, -2.4941, 1.3656



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.



17.7396, -8.3441, 4.0753



22.4877, -12.6293, 6.2860



18.0256, -6.6720, -0.0225



10.5793, -1.3926, 0.8746



27.8659, -22.0322, 12.7311



71.8374, -57.6926, 34.7512

Inverse Universe

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



13.6853, 8.2627, -1.7466



16.0851, 13.8025, -2.7939



13.3822, 6.7868, 2.5701



10.1581, 0.3122, 0.2609



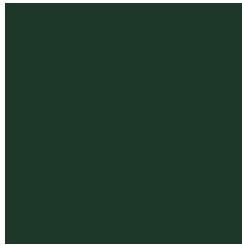
15.8799, 28.8113, -2.2692



40.7756, 73.5568, -2.5451

Previews

White Background



This preview shows how the HunterLab color 17.7392, -8.3438, 4.0751 looks on a white background.

Color Contrast Check

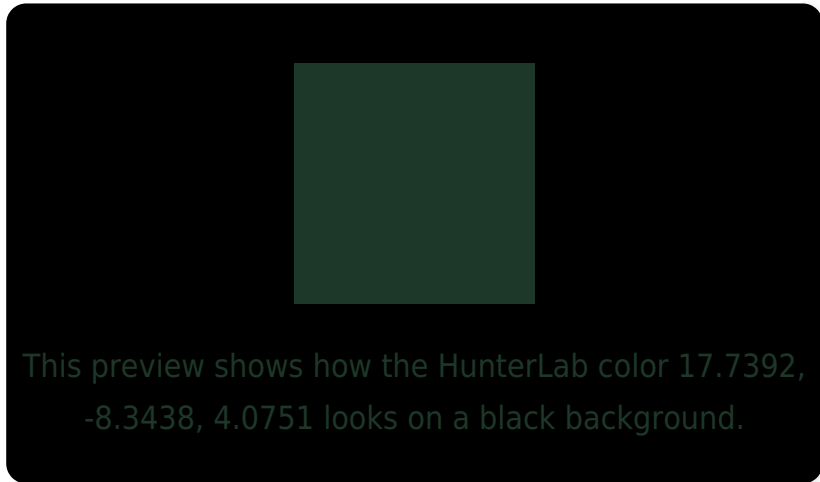
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7392, -8.3438, 4.0751 Background



This preview shows how black text looks on a background with the HunterLab color 17.7392, -8.3438, 4.0751.



This preview shows how white text looks on a background with the HunterLab color 17.7392, -8.3438,

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

17.7392, -8.3438, 4.0751

Protanopia

17.8092, -1.6712, 5.1177

Deuteranopia

17.7509, 0.7348, 3.6344



Tritanopia

17.7903, -4.6562, -2.0198

Trichromacy



Original Color

17.7392, -8.3438, 4.0751

Protanomaly

17.6958, -4.5740, 4.6800

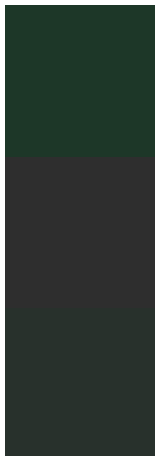
Deuteranomaly

17.6977, -3.1702, 3.8217

Tritanomaly

17.8450, -6.0979, 0.4832

Monochromacy



Original Color

17.7392, -8.3438, 4.0751

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.8214, -3.6726, 1.9021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7392, -8.3438, 4.0751 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(29, 55, 40)` looks like.

```
.text, #text, p{  
    color:rgb(29, 55, 40)  
}
```

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(29, 55, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 55, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7392, -8.3438, 4.0751 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(29, 55, 40) }
```


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

```
.border{ border-color:rgb(29, 55, 40) }
```

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

Here you see how a box with a 4 pixel rgb(29, 55, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 55, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 55, 40);  
box-shadow:4px 4px 4px 4px rgb(29, 55, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7392, -8.3438, 4.0751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 55, 40) }
```

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

```
.background{ background-color: rgb(29, 55,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor