

Converting Colors

HunterLab(20.2119, -3.0192,
4.9678)

Have a look what the booklet for
HunterLab(20.2119, -3.0192, 4.9678)
contains.

HunterLab(20.2317, -2.8182, 4.8426)	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(20.2317, -2.8182,
4.8426)**

Conversions

Conversions Part 1

Format	Color
Hex	393A2E
RGB	57, 58, 46
RGB Percent	22%, 23%, 18%
CMY	0.7765, 0.7725, 0.8196
CMYK	0.02, 0.00, 0.21, 0.77
HSL	65°, 12%, 20%
HSV	65°, 21%, 23%
XYZ	3.6935, 4.0932, 3.1802
YIQ	56.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

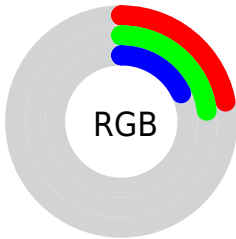
Format	Color
R_{YB}	46, 58, 47
Decimal	3750446
CIE Lab	23.98, -2.96, 7.33
CIE LCh	24, 7.909, 111.971
Yxy	4.0934, 0.3368, 0.3732
Android (android.graphics.Color)	4281940526 (0xFF393A2E)
YUV	56.3330, -5.0942, 0.5850
Hunter-Lab	20.2317, -2.8182, 4.8426

Details

The HunterLab color **20.2317, -2.8182, 4.8426** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9231, 1.1117, -3.5778**, and the grayscale version is **20.0162, -1.0680, 1.0875**.

A 20% lighter version of the original color is **37.1738, -4.1088, 6.6853**, and **6.5955, -2.0177, 4.0288** is the 20% darker color. If you saturate the color by 10%, you get **20.0912, -3.5356, 6.3412**, and if you desaturate by 10%, it is **20.3877, -2.0269, 3.1477**.

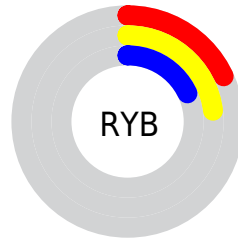
Distribution



Red (22%)

Green (23%)

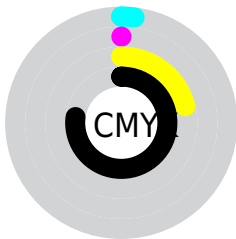
Blue (18%)



Red (18%)

Yellow (23%)

Blue (18%)

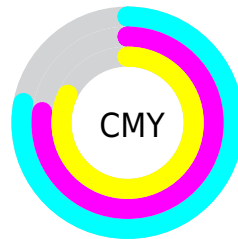


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2317, -2.8182, 4.8426 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 20.2317, -2.8182, 4.8426 by changing the saturation by 10% instead.

■ 20.2317, -2.8182,
4.8426

■ 20.2317, -2.8182,
4.8426

■ 118.6088, -9.5067,
13.7310

■ 13.1375, -2.1982,
3.8376

■ 37.1791, -4.1270,
6.7772

■ 6.6360, -2.2975,
4.6452

■ 46.8548, -4.8192,
7.7383

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2489, -5.5374,
8.7055

0.0000, NaN, NaN

■ 68.3150, -6.2815,
9.6827

0.0000, NaN, NaN

■ 80.0145, -7.0509,
10.6725

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.3147, -7.8453,

11.6765

0.0000, NaN, NaN

105.1876, -8.6641,
12.6957

■ 20.2317, -2.8182,
4.8426

■ 20.2317, -2.8182,
4.8426

■ 20.0912, -3.5356,
6.3412

■ 20.3877, -2.0269,
3.1477

■ 19.9644, -4.1776,
7.6441

■ 20.5580, -1.1602,
1.2556

■ 19.8515, -4.7458,
8.7546

■ 20.7432, -0.2196,
-0.8319

■ 19.7519, -5.2416,
9.6775

■ 20.9435, 0.7936,
-3.1125

■ 19.6651, -5.6674,
10.4195

■ 21.1589, 1.8780,
-5.5824

■ 19.5904, -6.0262,
10.9894

■ 21.3894, 3.0313,
-8.2372

■ 19.5236, -6.3417,
11.4485

■ 21.6349, 4.2515,
-11.0714

■ 19.4616, -6.6351,
11.8760

■ 21.8953, 5.5358,
-14.0791

■ 22.1706, 6.8818,
-17.2537

Harmonies

Analogous

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



20.2321, -0.4162, 5.0666



20.2317, -2.8182, 4.8426



20.2321, -4.6706, 3.6799

Triad

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



20.2321, -2.8187, 4.8429



20.2321, -3.9108, -2.7700



20.2321, 3.8153, 0.4632

Complementary

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



20.2317, -2.8182, 4.8426



16.9231, 1.1117, -3.5778

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.



20.2321, 2.7785, -1.8689



20.2317, -2.8182, 4.8426



20.2321, -1.7365, -3.8757

Square

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



20.2321, -2.8187, 4.8429



20.2321, -5.2798, -0.6541



20.2321, 0.7182, -3.5276



20.2321, 3.4917, 2.7123

Rectangle

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



20.2317, -2.8182, 4.8426



20.2321, -5.3816, 2.4440



20.2321, 0.7182, -3.5276



20.2321, 3.6127, -0.3402

Sweetspot

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



20.2321, -2.8187, 4.8429



26.9185, -2.1776, 3.0791



17.6916, 1.8782, 2.2718



13.9270, -1.1304, 1.6013



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.



20.2321, -2.8187, 4.8429



26.5127, -4.2435, 7.4961



19.8176, -4.3125, 4.4028



10.7164, -0.9572, 1.4213



30.8399, -10.6841, 18.8164



79.5220, -28.0577, 48.5099

Inverse Universe

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



16.9231, 1.1117, -3.5778



21.0266, 2.3016, -6.5413



17.3679, 2.5872, -2.9187



10.0134, -0.1267, -0.3556



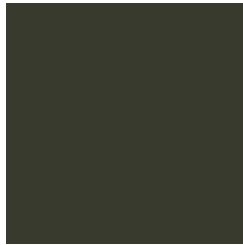
9.0479, 23.9961, -60.0544



22.9386, 61.6477, -158.5448

Previews

White Background



This preview shows how the HunterLab color 20.2317, -2.8182, 4.8426 looks on a white background.

Color Contrast Check

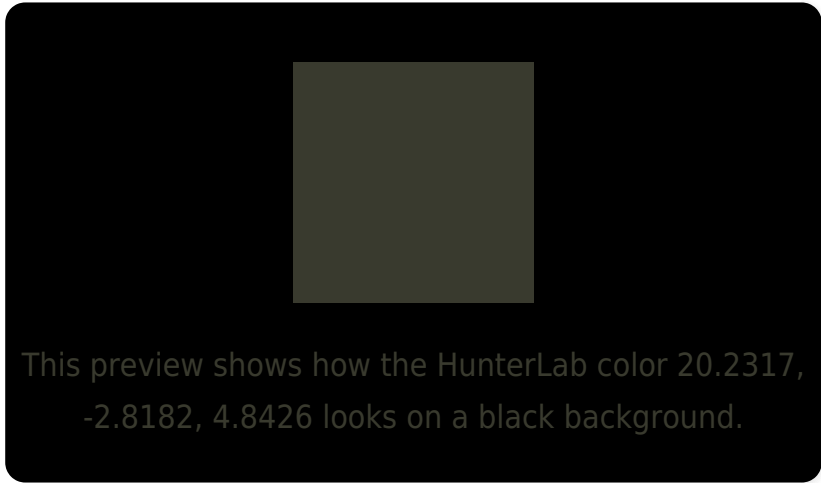
Large Text (above 18pt) WCAG AA ✓ Pass

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

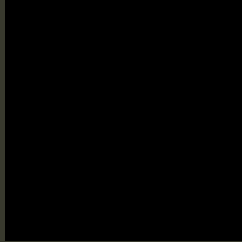
Any Text WCAG AA × Fail

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 20.2317, -2.8182, 4.8426 Background



This preview shows how black text looks on a background with the HunterLab color 20.2317, -2.8182, 4.8426.



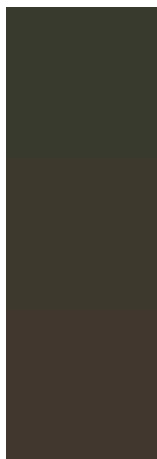
This preview shows how white text looks on a background with the HunterLab color 20.2317, -2.8182,

4.8426.

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

20.2317, -2.8182, 4.8426

Protanopia

20.2677, -1.4622, 5.2008

Deuteranopia

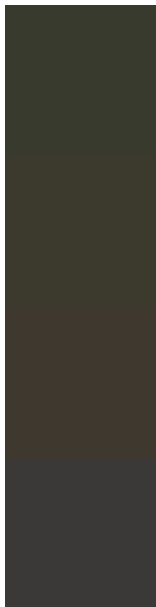
20.2382, 0.9745, 4.6091



Tritanopia

20.2099, 0.2571, -0.0838

Trichromacy



Original Color

20.2317, -2.8182, 4.8426

Protanomaly

20.1900, -1.7345, 5.1202

Deuteranomaly

20.2246, -0.2911, 4.5732

Tritanomaly

20.2525, -1.0891, 1.8790

Monochromacy



Original Color

20.2317, -2.8182, 4.8426

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.0373, -1.9809, 2.6991

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2317, -2.8182, 4.8426 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(57, 58, 46)` looks like.

```
.text, #text, p{  
    color:rgb(57, 58, 46)  
}
```

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(57, 58, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 58, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2317, -2.8182, 4.8426 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(57, 58, 46) }
```


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

```
.border{ border-color:rgb(57, 58, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 58, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 58, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 58, 46);  
box-shadow:4px 4px 4px 4px rgb(57, 58, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2317, -2.8182, 4.8426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 58, 46) }
```

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

```
.background{ background-color: rgb(57, 58,  
46) }
```

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