

Converting Colors

HunterLab(20.2412, -3.2645,
2.0661)

Have a look what the booklet for
HunterLab(20.2412, -3.2645, 2.0661)
contains.

HunterLab(20.3085, -3.4936, 2.2638)	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(20.3085, -3.4936,
2.2638)**

Conversions

Conversions Part 1

Format	Color
Hex	343B36
RGB	52, 59, 54
RGB Percent	20%, 23%, 21%
CMY	0.7961, 0.7686, 0.7882
CMYK	0.12, 0.00, 0.08, 0.77
HSL	137°, 6%, 22%
HSV	137°, 12%, 23%
XYZ	3.6460, 4.1244, 4.0939
YIQ	56.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

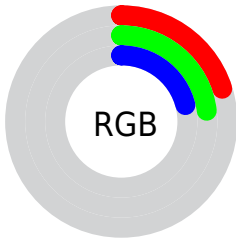
Format	Color
RYB	52, 57, 59
Decimal	3423030
CIELab	24.08, -4.12, 2.10
CIElCh	24, 4.627, 153.031
Yxy	4.1245, 0.3073, 0.3476
Android (android.graphics.Color)	4281613110 (0xFF343B36)
YUV	56.3370, -1.1521, -3.8035
Hunter-Lab	20.3085, -3.4936, 2.2638

Details

The HunterLab color **20.3085, -3.4936, 2.2638** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.1867, 1.4995, -0.1133**, and the grayscale version is **20.0060, -1.0675, 1.0870**.

A 20% lighter version of the original color is **37.2080, -4.9550, 3.2219**, and **6.8409, -3.0255, 1.6736** is the 20% darker color. If you saturate the color by 10%, you get **19.8487, -5.3605, 3.1951**, and if you desaturate by 10%, it is **20.8143, -1.5007, 1.3149**.

Distribution



Red (20%)

Green (23%)

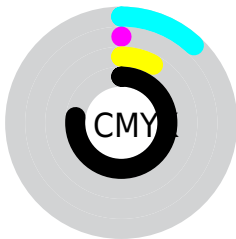
Blue (21%)



Red (20%)

Yellow (22%)

Blue (23%)

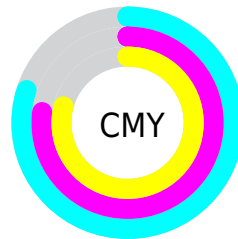


Cyan (12%)

Magenta (0%)

Yellow (8%)

Black (77%)



Cyan (80%)

Magenta (77%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3085, -3.4936, 2.2638 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 20.3085, -3.4936, 2.2638 by changing the saturation by 10% instead.

■ 20.3085, -3.4936,
2.2638

■ 20.3085, -3.4936,
2.2638

■ 118.7472,
-10.7556, 8.5957

■ 13.2040, -2.7758,
1.7123

■ 37.2732, -4.9643,
3.4620

■ 6.7198, -3.0333,
1.6603

■ 46.9563, -5.7268,
4.1082

0.0000, NaN, NaN

■ 57.3575, -6.5102,
4.7851

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4302, -7.3154,
5.4916

0.0000, NaN, NaN

■ 80.1359, -8.1425,
6.2268

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.4420, -8.9917,

105.3206, -9.8628,
7.7796

■ 20.3085, -3.4936,
2.2638

■ 20.3085, -3.4936,
2.2638

■ 19.8487, -5.3605,
3.1951

■ 20.8143, -1.5007,
1.3149

■ 19.4348, -7.0851,
4.1008

■ 21.3634, 0.6045,
0.3541

■ 19.0680, -8.6539,
4.9733

■ 21.9547, 2.8068,
-0.6124

■ 18.7486, -10.0546,
5.8048

■ 22.5864, 5.0923,
-1.5795

■ 18.4765, -11.2774,
6.5876

■ 23.2566, 7.4482,
-2.5431

■ 18.2508, -12.3159,
7.3145

■ 23.9634, 9.8630,
-3.4996

■ 18.0700, -13.1678,
7.9788

■ 24.7050, 12.3262,
-4.4464

■ 17.9181, -13.8941,
8.5639

■ 25.4795, 14.8292,
-5.3814

■ 17.7992, -14.4602,
8.9679

■ 26.2851, 17.3641,
-6.3032

Harmonies

Analogous

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



20.3089, -2.5721, 3.1921



20.3085, -3.4936, 2.2638



20.3089, -3.7764, 0.9657

Triad

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



20.3089, -3.4940, 2.2641



20.3089, -0.9381, -1.7046



20.3089, 1.2892, 2.4894

Complementary

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



20.3085, -3.4936, 2.2638



19.1867, 1.4995, -0.1133

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.



20.3089, 1.7549, 1.2442



20.3085, -3.4936, 2.2638



20.3089, 0.4467, -1.2291

Square

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



20.3089, -3.4940, 2.2641



20.3089, -2.3252, -1.3849



20.3089, 1.4424, -0.1257



20.3089, 0.1863, 3.3157

Rectangle

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



20.3085, -3.4936, 2.2638



20.3089, -3.5706, 0.0478



20.3089, 1.4424, -0.1257



20.3089, 1.5268, 2.1092

Sweetspot

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



20.3089, -3.4940, 2.2641



26.7776, -2.5534, 1.9878



20.6069, -2.5198, 3.3061



13.8430, -1.3678, 1.0505



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.



20.3089, -3.4940, 2.2641



26.1090, -5.2094, 3.2671



20.3923, -3.0285, 1.0728



11.3379, -1.5693, 1.0771



28.5424, -23.4881, 15.0285



72.4748, -60.3585, 39.7095

Inverse Universe

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



19.1867, 1.4995, -0.1133



24.3226, 2.7425, -0.5171



19.0990, 1.0293, 1.1360



10.8919, 0.4148, 0.1321



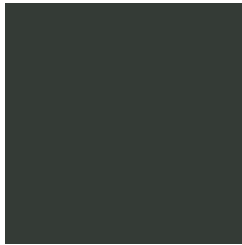
16.7578, 31.1450, -8.1378



42.4156, 78.4965, -18.0053

Previews

White Background



This preview shows how the HunterLab color 20.3085, -3.4936, 2.2638 looks on a white background.

Color Contrast Check

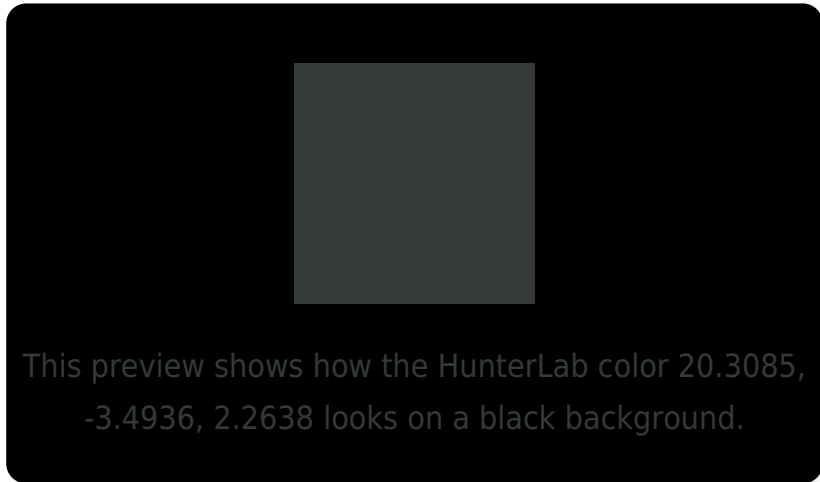
Large Text (above 18pt) WCAG AA ✓ Pass

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

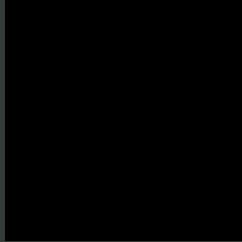
Any Text WCAG AA × Fail

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 20.3085, -3.4936, 2.2638 Background



This preview shows how black text looks on a background with the HunterLab color 20.3085, -3.4936, 2.2638.

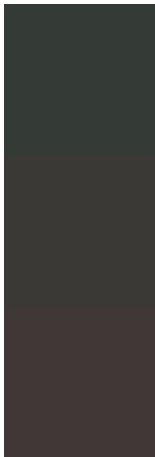


This preview shows how white text looks on a background with the HunterLab color 20.3085, -3.4936,

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

20.3085, -3.4936, 2.2638

Protanopia

20.2808, -1.0834, 2.6313

Deuteranopia

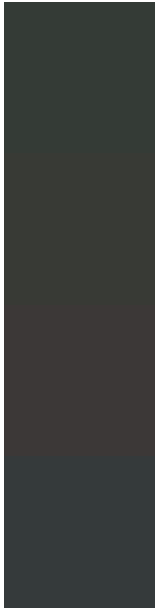
20.2440, 1.3428, 1.9120



Tritanopia

20.3244, -1.7481, -0.8017

Trichromacy



Original Color

20.3085, -3.4936, 2.2638

Protanomaly

20.3074, -2.2546, 2.6401

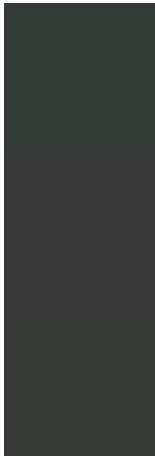
Deuteranomaly

20.1615, -0.1585, 1.7914

Tritanomaly

20.2454, -2.1841, 0.3194

Monochromacy



Original Color

20.3085, -3.4936, 2.2638

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.0358, -1.8472, 1.6177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3085, -3.4936, 2.2638 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(52, 59, 54)` looks like.

```
.text, #text, p{  
    color:rgb(52, 59, 54)  
}
```

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(52, 59, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 59, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3085, -3.4936, 2.2638 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(52, 59, 54) }
```


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

```
.border{ border-color:rgb(52, 59, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 59, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 59, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 59, 54);  
box-shadow:4px 4px 4px 4px rgb(52, 59, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3085, -3.4936, 2.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 59, 54) }
```

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

```
.background{ background-color: rgb(52, 59,  
54) }
```

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