

Converting Colors

HunterLab(28.3376, -1.9341,
5.4611)

Have a look what the booklet for
HunterLab(28.3376, -1.9341, 5.4611)
contains.

HunterLab(28.3170, -2.0163, 5.2813)	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(28.3170, -2.0163,
5.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	535046
RGB	83, 80, 70
RGB Percent	33%, 31%, 27%
CMY	0.6745, 0.6863, 0.7255
CMYK	0.00, 0.04, 0.16, 0.67
HSL	46°, 8%, 30%
HSV	46°, 16%, 33%
XYZ	7.5414, 8.0185, 6.9446
YIQ	79.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

Format	Color
RYB	74, 83, 70
Decimal	5460038
CIELab	34.02, -0.76, 6.34
CIElCh	34, 6.381, 96.818
Yxy	8.0189, 0.3351, 0.3563
Android (android.graphics.Color)	4283650118 (0xFF535046)
YUV	79.7570, -4.8102, 2.8441
Hunter-Lab	28.3170, -2.0163, 5.2813

Details

The HunterLab color $[28.3170, -2.0163, 5.2813]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[25.8681, -0.6260, -2.8283]$, and the grayscale version is $[28.2514, -1.5074, 1.5350]$.

A 20% lighter version of the original color is $[46.8989, -2.9331, 7.1796]$, and $[13.2399, -1.2208, 3.4936]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.6493, -2.1671, 7.3188]$, and if you desaturate by 10%, it is $[29.0093, -1.7606, 2.9974]$.

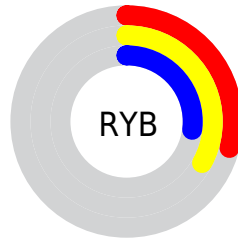
Distribution



 Red (33%)

 Green (31%)

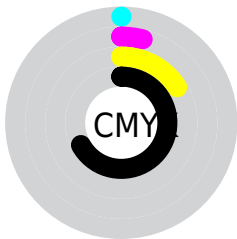
 Blue (27%)



 Red (29%)

 Yellow (33%)

 Blue (27%)

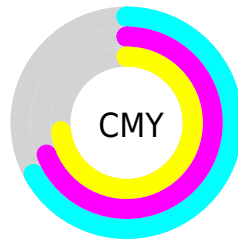


 Cyan (0%)

 Magenta (4%)

 Yellow (16%)

 Black (67%)



 Cyan (67%)

 Magenta (69%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3170, -2.0163, 5.2813 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 28.3170, -2.0163, 5.2813 by changing the saturation by 10% instead.

■ 28.3170, -2.0163,
5.2813

■ 28.3170, -2.0163,
5.2813

■ 132.6198, -7.9295,
13.7844

■ 20.2658, -1.5334,
4.3862

■ 46.8993, -3.1026,
7.0740

■ 13.1667, -1.0933,
3.4716

■ 57.2966, -3.6993,
7.9843

■ 6.6729, -0.8511,
4.2991

■ 68.3655, -4.3295,
8.9087

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0677, -4.9913,
9.8488

0.0000, NaN, NaN

■ 92.3705, -5.6834,
10.8059

0.0000, NaN, NaN

105.2459, -6.4045,

0.0000, NaN, NaN

11.7806

0.0000, NaN, NaN

118.6695, -7.1536,
12.7734

■ 28.3170, -2.0163,
5.2813

■ 28.3170, -2.0163,
5.2813

■ 27.6493, -2.1671,
7.3188

■ 29.0093, -1.7606,
2.9974

■ 27.0049, -2.2080,
9.1002

■ 29.7238, -1.4007,
0.4754

■ 26.3848, -2.1379,
10.6191

■ 30.4604, -0.9411,
-2.2743

■ 25.7893, -1.9559,
11.8707

■ 31.2185, -0.3856,
-5.2410

■ 25.2185, -1.6624,
12.8531

■ 31.9974, 0.2617,
-8.4141

■ 24.6725, -1.2592,
13.5680

■ 32.7964, 0.9969,
-11.7829

■ 24.1507, -0.7503,
14.0223

■ 33.6149, 1.8156,
-15.3369

■ 23.6471, -0.1714,
14.3090

■ 34.4521, 2.7139,
-19.0660

■ 23.4304, 0.0801,
14.4391

■ 35.3074, 3.6877,
-22.9605

Harmonies

Analogous

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



28.3176, 0.1863, 5.0236



28.3170, -2.0163, 5.2813



28.3176, -4.0237, 4.6012

Triad

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



28.3176, -2.0171, 5.2817



28.3176, -4.8470, -0.9997



28.3176, 2.5164, -0.1029

Complementary

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



28.3170, -2.0163, 5.2813



25.8681, -0.6260, -2.8283

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.



28.3176, 1.0894, -1.9032



28.3170, -2.0163, 5.2813



28.3176, -3.1722, -2.4482

Square

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



28.3176, -2.0171, 5.2817



28.3176, -5.6247, 1.0555



28.3176, -1.0043, -2.7909



28.3176, 2.8486, 2.0189

Rectangle

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



28.3170, -2.0163, 5.2813



28.3176, -4.9948, 3.6735



28.3176, -1.0043, -2.7909



28.3176, 2.1467, -0.7705

Sweetspot

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



28.3176, -2.0171, 5.2817



37.9032, -2.2775, 3.7563



25.8861, 2.7011, 1.5474



18.7987, -1.1385, 1.9257



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



28.3176, -2.0171, 5.2817



36.6046, -2.7270, 7.9892



28.8340, -4.2292, 5.7785



14.5163, -0.9324, 1.8736



29.6273, 0.4107, 18.2634



70.1553, 2.7201, 43.2770

Inverse Universe

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



25.8681, -0.6260, -2.8283



32.6132, -0.4496, -5.2498



25.3766, 1.5565, -3.4561



13.8257, -0.5423, -0.4082



12.9173, 16.8561, -52.5330



29.0217, 46.8177, -137.3406

Previews

White Background



This preview shows how the HunterLab color 28.3170, -2.0163, 5.2813 looks on a white background.

Color Contrast Check

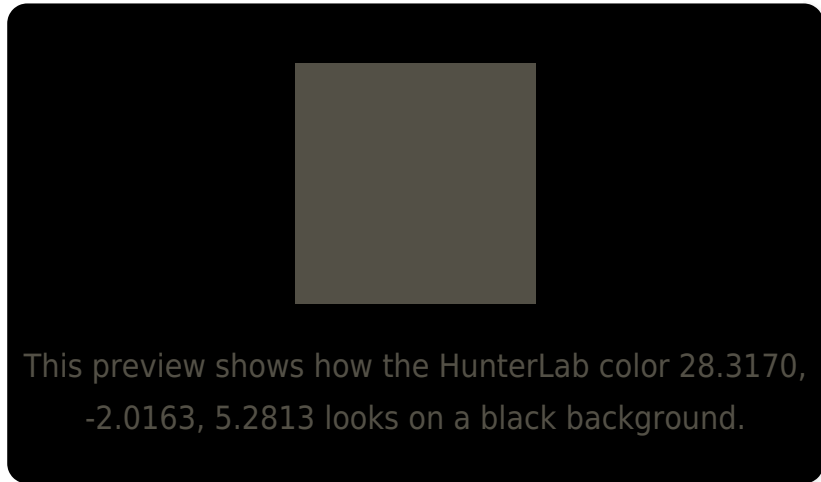
Large Text (above 18pt) WCAG AA ✓ Pass

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

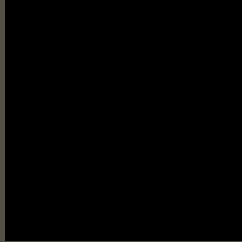
Any Text WCAG AA × Fail

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 28.3170, -2.0163, 5.2813 Background



This preview shows how black text looks on a background with the HunterLab color 28.3170, -2.0163, 5.2813.

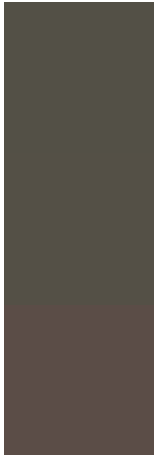


This preview shows how white text looks on a background with the HunterLab color 28.3170, -2.0163, 5.2813.

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

28.3170, -2.0163, 5.2813

Protanopia

28.3978, -1.7342, 5.3705

Deuteranopia

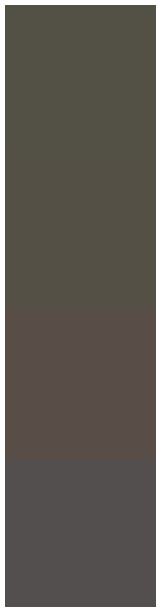
28.2610, 1.7392, 4.9384



Tritanopia

28.3199, 1.3112, -0.0864

Trichromacy



Original Color

28.3170, -2.0163, 5.2813

Protanomaly

28.3978, -1.7342, 5.3705

Deuteranomaly

28.2461, 0.4060, 4.8993

Tritanomaly

28.3572, -0.1272, 2.0052

Monochromacy



Original Color

28.3170, -2.0163, 5.2813

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.2992, -1.7972, 3.0811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3170, -2.0163, 5.2813 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(83, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(83, 80, 70)  
}
```

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(83, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 80, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3170, -2.0163, 5.2813 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(83, 80, 70) }
```


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

```
.border{ border-color:rgb(83, 80, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 80, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(83, 80, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3170, -2.0163, 5.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 80, 70) }
```

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

```
.background{ background-color: rgb(83, 80,  
70) }
```

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