

Converting Colors

HunterLab(25.0865, -2.8071,
2.1025)

Have a look what the booklet for
HunterLab(25.0865, -2.8071, 2.1025)
contains.

HunterLab(25.0865, -2.8071, 2.1025)	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(25.0865, -2.8071,
2.1025)**

Conversions

Conversions Part 1

Format	Color
Hex	444845
RGB	68, 72, 69
RGB Percent	27%, 28%, 27%
CMY	0.7333, 0.7176, 0.7294
CMYK	0.06, 0.00, 0.04, 0.72
HSL	135°, 3%, 27%
HSV	135°, 6%, 28%
XYZ	5.7754, 6.2933, 6.5405
YIQ	70.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

Format	Color
RYB	68, 71, 72
Decimal	4474949
CIELab	30.14, -2.31, 1.23
CIElCh	30, 2.618, 152.072
Yxy	6.2936, 0.3104, 0.3382
Android (android.graphics.Color)	4282665029 (0xFF444845)
YUV	70.4620, -0.7208, -2.1592
Hunter-Lab	25.0865, -2.8071, 2.1025

Details

The HunterLab color **25.0865, -2.8071, 2.1025** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.4275, 0.1982, 0.5859**, and the grayscale version is **24.9146, -1.3294, 1.3537**.

A 20% lighter version of the original color is **42.9305, -3.9047, 3.1424**, and **10.7703, -1.8317, 1.2246** is the 20% darker color. If you saturate the color by 10%, you get **24.4670, -5.2910, 3.3740**, and if you desaturate by 10%, it is **25.7658, -0.1673, 0.8024**.

Distribution



Red (27%)

Green (28%)

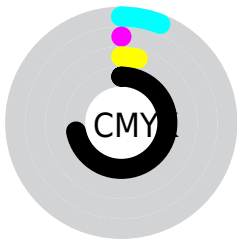
Blue (27%)



Red (27%)

Yellow (28%)

Blue (28%)



Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (72%)



Cyan (73%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0865, -2.8071, 2.1025 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 25.0865, -2.8071, 2.1025 by changing the saturation by 10% instead.

■ 25.0865, -2.8071,
2.1025

■ 25.0865, -2.8071,
2.1025

■ 127.1447, -9.3316,
8.2004

■ 17.3908, -2.2237,
1.5964

■ 43.0550, -4.0631,
3.2305

■ 10.6981, -1.6663,
1.1308

■ 53.1795, -4.7345,
3.8477

■ 1.2512, -2.1896,
0.8758

■ 63.9928, -5.4342,
4.4980

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.4534, -6.1616,
5.1800

0.0000, NaN, NaN

■ 87.5267, -6.9157,
5.8924

0.0000, NaN, NaN

■ 100.1829, -7.6959,

0.0000, NaN, NaN

113.3965, -8.5014,
7.4036

■ 25.0865, -2.8071,
2.1025

■ 25.0865, -2.8071,
2.1025

■ 24.4670, -5.2910,
3.3740

■ 25.7658, -0.1673,
0.8024

■ 23.9076, -7.5964,
4.6055

■ 26.5011, 2.6093,
-0.5182

■ 23.4101, -9.7035,
5.7863

■ 27.2906, 5.5022,
-1.8506

■ 22.9754, -11.5935,
6.9052

■ 28.1317, 8.4933,
-3.1878

■ 22.6035, -13.2512,
7.9511

■ 29.0219, 11.5660,
-4.5240

■ 22.2938, -14.6651,
8.9136

■ 29.9584, 14.7057,
-5.8545

■ 22.0447, -15.8299,
9.7836

■ 30.9388, 17.8997,
-7.1756

■ 21.8535, -16.7466,
10.5538

■ 31.9606, 21.1371,
-8.4845

■ 21.6968, -17.5062,
11.2037

■ 33.0213, 24.4089,
-9.7793

Harmonies

Analogous

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



25.0870, -2.2261, 2.6829



25.0865, -2.8071, 2.1025



25.0870, -2.9975, 1.3077

Triad

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



25.0870, -2.8077, 2.1029



25.0870, -1.2791, -0.2853



25.0870, 0.1002, 2.1997

Complementary

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



25.0865, -2.8071, 2.1025



24.4275, 0.1982, 0.5859

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.



25.0870, 0.3618, 1.4233



25.0865, -2.8071, 2.1025



25.0870, -0.4413, -0.0273

Square

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



25.0870, -2.8077, 2.1029



25.0870, -2.1222, -0.0885



25.0870, 0.1623, 0.6051



25.0870, -0.5479, 2.7375

Rectangle

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



25.0865, -2.8071, 2.1025



25.0870, -2.8785, 0.7573



25.0870, 0.1623, 0.6051



25.0870, 0.2367, 1.9589

Sweetspot

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



25.0870, -2.8077, 2.1029



33.4009, -2.5151, 2.1815



25.2873, -2.1508, 2.7216



17.2565, -1.2581, 1.1063



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



25.0870, -2.8077, 2.1029



32.9516, -4.2845, 3.0666



25.1357, -2.5387, 1.4086



12.9514, -1.6271, 1.1762



30.1310, -25.0131, 16.3349



74.2990, -62.3053, 41.6319

Inverse Universe

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



24.4275, 0.1982, 0.5859



31.8135, 0.9029, 0.4489



24.3774, -0.0734, 1.2996



12.5301, 0.2932, 0.2071



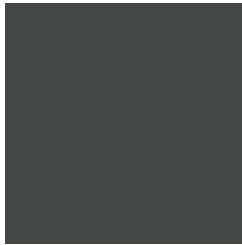
17.8340, 33.3586, -10.3155



43.8562, 81.7422, -23.1113

Previews

White Background



This preview shows how the HunterLab color 25.0865, -2.8071, 2.1025 looks on a white background.

Color Contrast Check

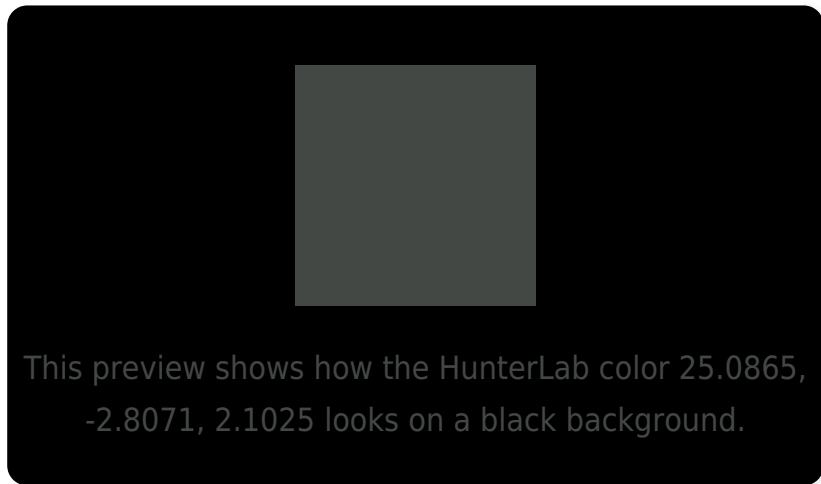
Large Text (above 18pt) WCAG AA ✓ Pass

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

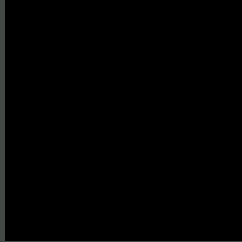
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

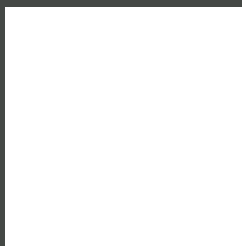
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 25.0865, -2.8071, 2.1025 Background



This preview shows how black text looks on a background with the HunterLab color 25.0865, -2.8071, 2.1025.

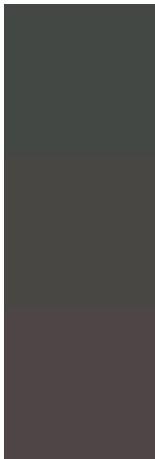


This preview shows how white text looks on a background with the HunterLab color 25.0865, -2.8071,

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

25.0865, -2.8071, 2.1025

Protanopia

25.1800, -1.2172, 2.6172

Deuteranopia

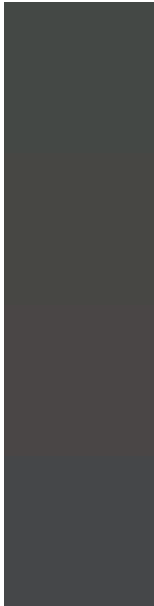
25.1359, 1.2871, 1.8436



Tritanopia

25.0868, -1.1249, -0.7209

Trichromacy



Original Color

25.0865, -2.8071, 2.1025

Protanomaly

25.0268, -1.7507, 2.4348

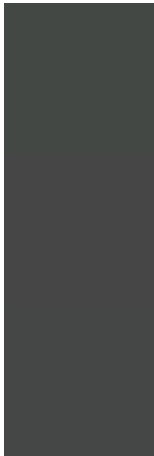
Deuteranomaly

25.0567, -0.2534, 1.7245

Tritanomaly

25.0054, -1.5708, 0.4350

Monochromacy



Original Color

25.0865, -2.8071, 2.1025

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.9277, -1.9983, 1.5436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0865, -2.8071, 2.1025 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(68, 72, 69)` looks like.

```
.text, #text, p{  
    color:rgb(68, 72, 69)  
}
```

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(68, 72, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 72, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0865, -2.8071, 2.1025 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(68, 72, 69) }
```


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

```
.border{ border-color:rgb(68, 72, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 72, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 72, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 72, 69);  
box-shadow:4px 4px 4px 4px rgb(68, 72, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.0865, -2.8071, 2.1025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 72, 69) }
```

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

```
.background{ background-color: rgb(68, 72,  
69) }
```

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