

Converting Colors

HunterLab(24.1698, -3.5805,
8.5985)

Have a look what the booklet for
HunterLab(24.1698, -3.5805, 8.5985)
contains.

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Color

**HunterLab(24.0688, -3.4093,
8.4042)**

Conversions

Conversions Part 1

Format	Color
Hex	47452E
RGB	71, 69, 46
RGB Percent	28%, 27%, 18%
CMY	0.7216, 0.7294, 0.8196
CMYK	0.00, 0.03, 0.35, 0.72
HSL	55°, 21%, 23%
HSV	55°, 35%, 28%
XYZ	5.2198, 5.7931, 3.4278
YIQ	66.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

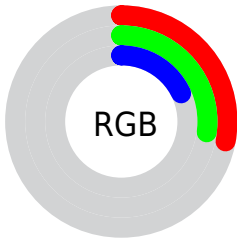
Format	Color
RYB	48, 71, 46
Decimal	4670766
CIELab	28.88, -3.41, 14.24
CIELCh	29, 14.640, 103.490
Yxy	5.7933, 0.3615, 0.4012
Android (android.graphics.Color)	4282860846 (0xFF47452E)
YUV	66.9760, -10.3412, 3.5290
Hunter-Lab	24.0688, -3.4093, 8.4042

Details

The HunterLab color **24.0688, -3.4093, 8.4042** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7471, 2.3449, -8.9387**, and the grayscale version is **23.7164, -1.2654, 1.2886**.

A 20% lighter version of the original color is **41.8191, -4.7237, 11.3308**, and **10.0000, -1.8618, 6.1294** is the 20% darker color. If you saturate the color by 10%, you get **23.8168, -3.7818, 9.8527**, and if you desaturate by 10%, it is **24.3397, -2.9428, 6.7122**.

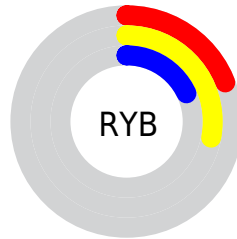
Distribution



Red (28%)

Green (27%)

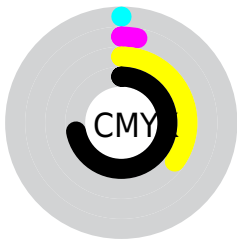
Blue (18%)



Red (19%)

Yellow (28%)

Blue (18%)

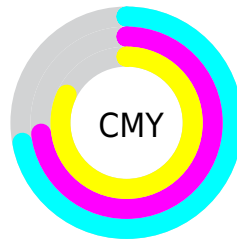


Cyan (0%)

Magenta (3%)

Yellow (35%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0688, -3.4093, 8.4042 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 24.0688, -3.4093, 8.4042 by changing the saturation by 10% instead.

■ 24.0688, -3.4093,
8.4042

■ 24.0688, -3.4093,
8.4042

125.3887,
-10.4238, 20.7989

■ 16.4919, -2.7443,
6.8093

■ 41.8340, -4.8027,
11.3307

■ 9.9362, -2.0901,
6.5034

■ 51.8686, -5.5340,
12.7229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5978, -6.2895,
14.0898

0.0000, NaN, NaN

■ 73.9791, -7.0692,
15.4410

0.0000, NaN, NaN

■ 85.9771, -7.8728,
16.7832

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.5616, -8.7000,

18.1214

0.0000, NaN, NaN

111.7064, -9.5505,
19.4590

■ 24.0688, -3.4093,
8.4042

■ 24.0688, -3.4093,
8.4042

■ 23.8168, -3.7818,
9.8527

■ 24.3397, -2.9428,
6.7122

■ 23.5817, -4.0596,
11.0598

■ 24.6281, -2.3795,
4.7753

■ 23.3635, -4.2456,
12.0309

■ 24.9347, -1.7204,
2.5952

■ 23.1614, -4.3434,
12.7744

■ 25.2597, -0.9665,
0.1747

■ 22.9746, -4.3578,
13.3021

■ 25.6030, -0.1190,
-2.4815

■ 22.7960, -4.3283,
13.7170

■ 25.9646, 0.8199,
-5.3678

■ 22.7105, -4.3149,
13.9186

■ 26.3444, 1.8479,
-8.4776

■ 26.7421, 2.9623,
-11.8034

■ 27.1575, 4.1602,
-15.3370

Harmonies

Analogous

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



24.0693, 1.4059, 8.3241



24.0688, -3.4093, 8.4042



24.0693, -7.3389, 6.8699

Triad

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



24.0693, -3.4100, 8.4045



24.0693, -7.6485, -5.5832



24.0693, 8.2626, -1.3330

Complementary

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



24.0688, -3.4093, 8.4042



17.7471, 2.3449, -8.9387

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.



24.0693, 5.4323, -6.0057



24.0688, -3.4093, 8.4042



24.0693, -3.8637, -8.7707

Square

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



24.0693, -3.4100, 8.4045



24.0693, -9.6528, -0.8390



24.0693, 0.9152, -8.9389



24.0693, 8.4082, 3.2778

Rectangle

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



24.0688, -3.4093, 8.4042



24.0693, -9.0318, 4.9233



24.0693, 0.9152, -8.9389



24.0693, 7.5841, -2.9677

Sweetspot

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



24.0693, -3.4100, 8.4045



32.1724, -2.7845, 5.1740



18.7289, 6.4030, 2.7717



16.2496, -1.4283, 2.6850



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



24.0693, -3.4100, 8.4045



31.0199, -4.8495, 12.5353



23.8383, -6.9332, 8.1387



13.0434, -1.0267, 1.7655



32.0099, -5.9467, 19.6203



78.6331, -14.0789, 48.2069

Inverse Universe

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



17.7471, 2.3449, -8.9387



20.9588, 4.4926, -15.5202



18.0605, 5.6415, -8.3423



12.2076, -0.2877, -0.4730



10.4020, 22.2940, -61.1280



24.4548, 59.9529, -159.9875

Previews

White Background



This preview shows how the HunterLab color 24.0688, -3.4093, 8.4042 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



This preview shows how the HunterLab color 24.0688, -3.4093, 8.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

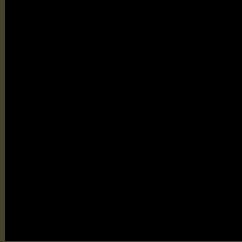
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

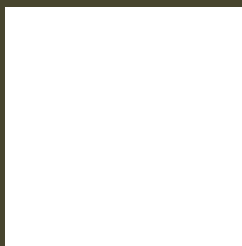
Any Text WCAG AAA × Fail

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

HunterLab 24.0688, -3.4093, 8.4042 Background



This preview shows how black text looks on a background with the HunterLab color 24.0688, -3.4093, 8.4042.

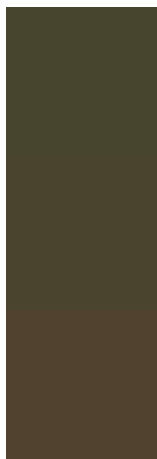


This preview shows how white text looks on a background with the HunterLab color 24.0688, -3.4093,

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

24.0688, -3.4093, 8.4042

Protanopia

24.0569, -2.1486, 8.4158

Deuteranopia

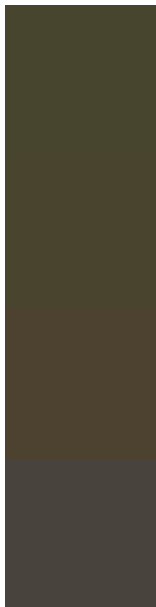
23.9482, 1.2971, 8.1214



Tritanopia

24.0981, 1.6018, 0.2105

Trichromacy



Original Color

24.0688, -3.4093, 8.4042

Protanomaly

23.9749, -2.4372, 8.3384

Deuteranomaly

23.8316, -0.3461, 7.9882

Tritanomaly

24.0387, -0.3042, 3.5666

Monochromacy



Original Color

24.0688, -3.4093, 8.4042

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.8306, -2.4506, 4.3469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0688, -3.4093, 8.4042 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(71, 69, 46)` looks like.

```
.text, #text, p{  
    color:rgb(71, 69, 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(71, 69, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 69, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0688, -3.4093, 8.4042 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(71, 69, 46) }
```


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

```
.border{ border-color:rgb(71, 69, 46) }
```

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

Here you see how a box with a 4 pixel rgb(71, 69, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 69, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 69, 46);  
box-shadow:4px 4px 4px 4px rgb(71, 69, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.0688, -3.4093, 8.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 69, 46) }
```

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

```
.background{ background-color: rgb(71, 69,  
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](#).

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