

Converting Colors

HunterLab(20.9446, -0.4751,
8.3340)

Have a look what the booklet for
HunterLab(20.9446, -0.4751, 8.3340)
contains.

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Color

**HunterLab(21.0064, -0.4714,
8.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	453A23
RGB	69, 58, 35
RGB Percent	27%, 23%, 14%
CMY	0.7294, 0.7725, 0.8627
CMYK	0.00, 0.16, 0.49, 0.73
HSL	41°, 33%, 20%
HSV	41°, 49%, 27%
XYZ	4.2707, 4.4127, 2.2168
YIQ	58.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

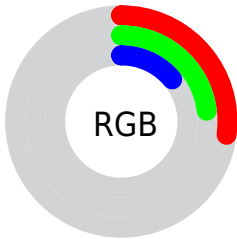
Format	Color
R_{YB}	51, 69, 35
Decimal	4536867
CIE Lab	24.99, 1.07, 16.06
CIE LCh	25, 16.099, 86.198
Yxy	4.4129, 0.3918, 0.4048
Android (android.graphics.Color)	4282726947 (0xFF453A23)
YUV	58.6670, -11.6678, 9.0620
Hunter-Lab	21.0064, -0.4714, 8.4477

Details

The HunterLab color **21.0064, -0.4714, 8.4477** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.5557, 0.6159, -9.9509**, and the grayscale version is **20.8344, -1.1117, 1.1320**.

A 20% lighter version of the original color is **38.1233, -1.3024, 11.6654**, and **7.5151, 0.1967, 4.6342** is the 20% darker color. If you saturate the color by 10%, you get **20.3854, -0.0530, 9.3468**, and if you desaturate by 10%, it is **21.6517, -0.8039, 7.3547**.

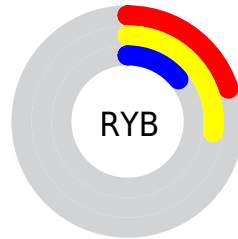
Distribution



Red (27%)

Green (23%)

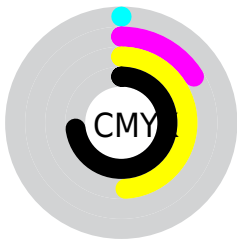
Blue (14%)



Red (20%)

Yellow (27%)

Blue (14%)

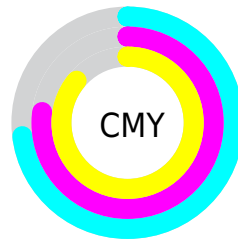


Cyan (0%)

Magenta (16%)

Yellow (49%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0064, -0.4714, 8.4477 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 21.0064, -0.4714, 8.4477 by changing the saturation by 10% instead.

■ 21.0064, -0.4714,
8.4477

■ 21.0064, -0.4714,
8.4477

■ 119.9997, -5.2525,
21.9140

■ 13.8098, -0.1715,
6.7299

■ 38.1261, -1.2453,
11.7194

■ 7.4340, 0.2286,
5.2038

■ 47.8770, -1.7042,
13.2479

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.3413, -2.2054,
14.7356

0.0000, NaN, NaN

■ 69.4733, -2.7457,
16.1960

0.0000, NaN, NaN

■ 81.2351, -3.3225,
17.6382

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.5946, -3.9338,

19.0689

0.0000, NaN, NaN

106.5241, -4.5776,
20.4929

21.0064, -0.4714,
8.4477

21.0064, -0.4714,
8.4477

20.3854, -0.0530,
9.3468

21.6517, -0.8039,
7.3547

19.7880, 0.4544,
10.0461

22.3192, -1.0498,
6.0740

19.2152, 1.0495,
10.5435

23.0083, -1.2123,
4.6138

18.6662, 1.7238,
10.8571

23.7184, -1.2945,
2.9828

18.1294, 2.4113,
11.1664

24.4486, -1.2995,
1.1900

■ 18.0908, 2.4611,
11.1905

■ 25.1980, -1.2308,
-0.7556

■ 25.9657, -1.0921,
-2.8450

■ 26.7510, -0.8868,
-5.0698

■ 27.5531, -0.6185,
-7.4217

Harmonies

Analogous

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



21.0069, 4.5770, 7.4787



21.0064, -0.4714, 8.4477



21.0069, -5.2523, 7.8750

Triad

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



21.0069, -0.4722, 8.4479



21.0069, -9.1681, -3.3731



21.0069, 7.6018, -4.6931

Complementary

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



21.0064, -0.4714, 8.4477



16.5557, 0.6159, -9.9509

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.



21.0069, 3.3543, -8.9872



21.0064, -0.4714, 8.4477



21.0069, -6.2716, -8.1071

Square

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



21.0069, -0.4722, 8.4479



21.0069, -9.9857, 1.7487



21.0069, -1.7640, -10.3644



21.0069, 9.5091, 0.5197

Rectangle

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



21.0064, -0.4714, 8.4477



21.0069, -7.7010, 6.5998



21.0069, -1.7640, -10.3644



21.0069, 6.3818, -6.3356

Sweetspot

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



21.0069, -0.4722, 8.4479



30.2332, -1.6265, 5.2413



16.3317, 10.2753, 0.7339



15.6859, -0.8399, 2.8349



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.



21.0069, -0.4722, 8.4479



26.3250, 0.0587, 12.3555



23.3353, -6.3935, 10.2269



12.8458, -0.7011, 1.5534



25.9341, 4.3007, 16.0558



62.6749, 13.1889, 38.8509

Inverse Universe

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



16.5557, 0.6159, -9.9509



19.2742, 2.0543, -17.3301



14.4790, 6.4253, -14.0209



12.4028, -0.6154, -0.2326



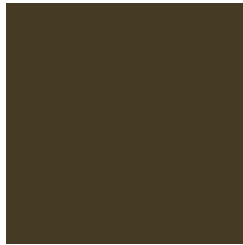
13.9702, 11.2618, -41.7726



32.1913, 33.8708, -113.3536

Previews

White Background



This preview shows how the HunterLab color 21.0064, -0.4714, 8.4477 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 21.0064, -0.4714, 8.4477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

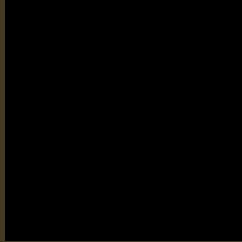
Any Text WCAG AA × Fail

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 21.0064, -0.4714, 8.4477 Background



This preview shows how black text looks on a background with the HunterLab color 21.0064, -0.4714, 8.4477.

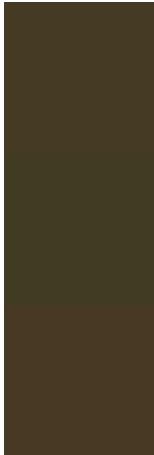


This preview shows how white text looks on a background with the HunterLab color 21.0064, -0.4714, 8.4477.

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

21.0064, -0.4714, 8.4477

Protanopia

20.9264, -1.9694, 8.1313

Deuteranopia

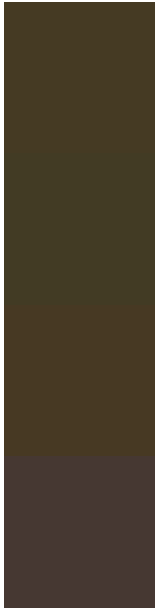
21.0364, 0.8522, 8.4959



Tritanopia

20.9469, 3.8555, 1.2633

Trichromacy



Original Color

21.0064, -0.4714, 8.4477

Protanomaly

21.0085, -1.6810, 8.2055

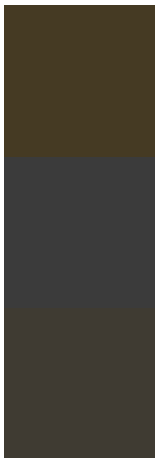
Deuteranomaly

20.9456, 0.5442, 8.4151

Tritanomaly

20.8824, 2.0554, 4.3359

Monochromacy



Original Color

21.0064, -0.4714, 8.4477

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.0119, -1.1793, 4.4118

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0064, -0.4714, 8.4477 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(69, 58, 35)` looks like.

```
.text, #text, p{  
    color:rgb(69, 58, 35)  
}
```

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(69, 58, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 58, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0064, -0.4714, 8.4477 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(69, 58, 35) }
```


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

```
.border{ border-color:rgb(69, 58, 35) }
```

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

Here you see how a box with a 4 pixel rgb(69, 58, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 58, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 58, 35);  
box-shadow:4px 4px 4px 4px rgb(69, 58, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0064, -0.4714, 8.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 58, 35) }
```

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

```
.background{ background-color: rgb(69, 58,  
35) }
```

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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