

Converting Colors

HunterLab(21.8744, -2.5007,
6.2407)

Have a look what the booklet for
HunterLab(21.8744, -2.5007, 6.2407)
contains.

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Color

**HunterLab(21.7726, -2.4387,
6.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	403E2F
RGB	64, 62, 47
RGB Percent	25%, 24%, 18%
CMY	0.7490, 0.7569, 0.8157
CMYK	0.00, 0.03, 0.27, 0.75
HSL	53°, 15%, 22%
HSV	53°, 27%, 25%
XYZ	4.3500, 4.7405, 3.3750
YIQ	60.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

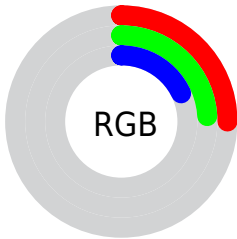
Format	Color
R_YB	49, 64, 47
Decimal	4210223
CIE Lab	25.98, -2.11, 9.56
CIE LCh	26, 9.788, 102.442
Yxy	4.7407, 0.3490, 0.3803
Android (android.graphics.Color)	4282400303 (0xFF403E2F)
YUV	60.8880, -6.8468, 2.7292
Hunter-Lab	21.7726, -2.4387, 6.0501

Details

The HunterLab color **21.7726, -2.4387, 6.0501** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.8074, 0.8734, -5.1617**, and the grayscale version is **21.5852, -1.1517, 1.1728**.

A 20% lighter version of the original color is **38.9517, -3.4293, 8.1786**, and **8.1908, -1.6715, 5.0178** is the 20% darker color. If you saturate the color by 10%, you get **21.4744, -2.7541, 7.4926**, and if you desaturate by 10%, it is **22.0875, -2.0429, 4.4030**.

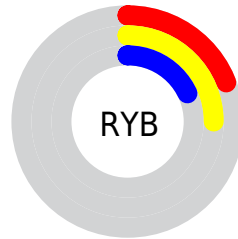
Distribution



Red (25%)

Green (24%)

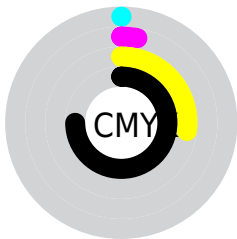
Blue (18%)



Red (19%)

Yellow (25%)

Blue (18%)

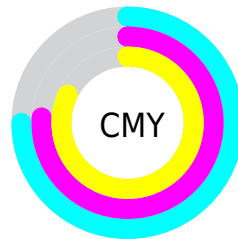


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7726, -2.4387, 6.0501 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 21.7726, -2.4387, 6.0501 by changing the saturation by 10% instead.

■ 21.7726, -2.4387,
6.0501

■ 21.7726, -2.4387,
6.0501

■ 121.3638, -8.7634,
16.0698

■ 14.4773, -1.8833,
4.8542

■ 39.0589, -3.6430,
8.3046

■ 8.1384, -1.5638,
5.3112

■ 48.8828, -4.2904,
9.4047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4151, -4.9673,
10.5008

0.0000, NaN, NaN

■ 70.6111, -5.6728,
11.5986

0.0000, NaN, NaN

■ 82.4334, -6.4060,
12.7022

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8506, -7.1660,

13.8140

0.0000, NaN, NaN

107.8353, -7.9521,
14.9361

■ 21.7726, -2.4387,
6.0501

■ 21.7726, -2.4387,
6.0501

■ 21.4744, -2.7541,
7.4926

■ 22.0875, -2.0429,
4.4030

■ 21.1913, -2.9872,
8.7289

■ 22.4176, -1.5652,
2.5528

■ 20.9235, -3.1394,
9.7603

■ 22.7634, -1.0074,
0.5034

■ 20.6708, -3.2122,
10.5897

■ 23.1249, -0.3711,
-1.7407

■ 20.4326, -3.2083,
11.2228

■ 23.5017, 0.3421,
-4.1740

■ 20.2079, -3.1329,
11.6726

■ 23.8939, 1.1298,
-6.7903

■ 19.9875, -3.0380,
12.0756

■ 24.3011, 1.9897,
-9.5831

■ 19.9119, -3.0059,
12.2170

■ 24.7230, 2.9193,
-12.5453

■ 25.1595, 3.9158,
-15.6698

Harmonies

Analogous

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



21.7731, 0.6750, 5.9508



21.7726, -2.4387, 6.0501



21.7731, -5.0621, 4.9871

Triad

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



21.7731, -2.4393, 6.0504



21.7731, -5.4121, -3.0246



21.7731, 4.8517, -0.6061

Complementary

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



21.7726, -2.4387, 6.0501



17.8074, 0.8734, -5.1617

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.



21.7731, 3.0316, -3.4566



21.7726, -2.4387, 6.0501



21.7731, -2.9418, -4.9822

Square

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



21.7731, -2.4393, 6.0504



21.7731, -6.7125, -0.0794



21.7731, 0.1436, -5.1505



21.7731, 5.0050, 2.3782

Rectangle

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



21.7726, -2.4387, 6.0501



21.7731, -6.2262, 3.6616



21.7731, 0.1436, -5.1505



21.7731, 4.4100, -1.6213

Sweetspot

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



21.7731, -2.4393, 6.0504



29.4534, -2.1830, 3.8209



18.2950, 3.9952, 1.8304



15.4400, -1.1753, 2.1178



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.7731, -2.4393, 6.0504



28.4112, -3.5104, 9.3067



21.8280, -4.8516, 6.0604



12.2195, -0.9116, 1.6073



30.1886, -4.2980, 18.5268



75.0401, -9.8528, 46.0669

Inverse Universe

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



17.8074, 0.8734, -5.1617



21.8890, 1.9982, -9.2796



17.7946, 3.1907, -5.1406



11.5072, -0.3253, -0.3855



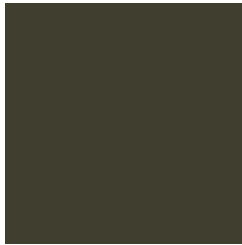
10.5337, 20.1545, -56.6740



24.8176, 56.4488, -152.8765

Previews

White Background



This preview shows how the HunterLab color 21.7726, -2.4387, 6.0501 looks on a white background.

Color Contrast Check

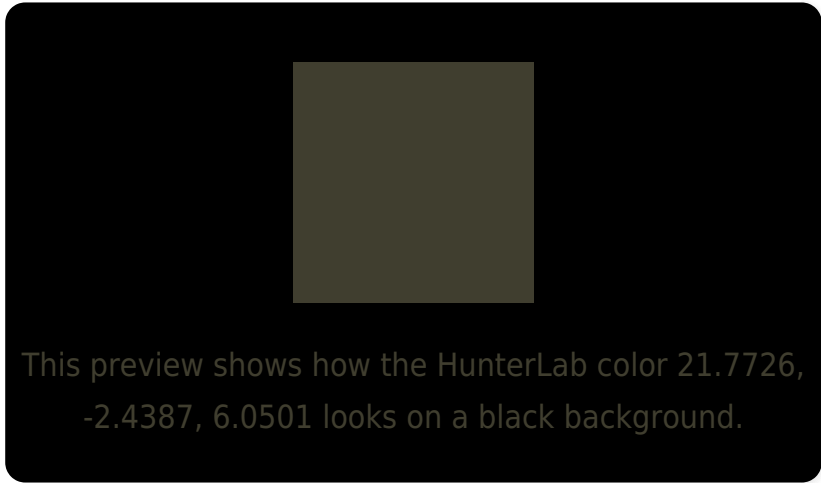
Large Text (above 18pt) WCAG AA ✓ Pass

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

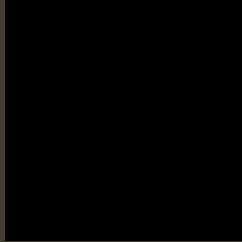
Any Text WCAG AA × Fail

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 21.7726, -2.4387, 6.0501 Background



This preview shows how black text looks on a background with the HunterLab color 21.7726, -2.4387, 6.0501.

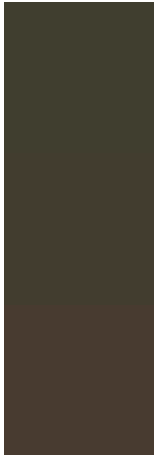


This preview shows how white text looks on a background with the HunterLab color 21.7726, -2.4387, 6.0501.

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

21.7726, -2.4387, 6.0501

Protanopia

21.6817, -1.4835, 5.9801

Deuteranopia

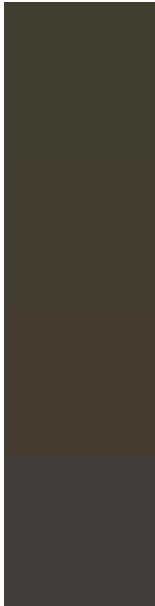
21.7234, 1.1786, 5.7745



Tritanopia

21.8177, 0.9919, 0.2801

Trichromacy



Original Color

21.7726, -2.4387, 6.0501

Protanomaly

21.6022, -1.7620, 5.8991

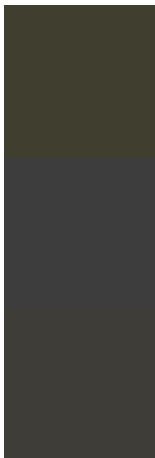
Deuteranomaly

21.7033, -0.1181, 5.7323

Tritanomaly

21.8330, -0.4978, 2.5741

Monochromacy



Original Color

21.7726, -2.4387, 6.0501

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.5572, -1.5473, 2.9663

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7726, -2.4387, 6.0501 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(64, 62, 47)` looks like.

```
.text, #text, p{  
    color:rgb(64, 62, 47)  
}
```

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(64, 62, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 62, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7726, -2.4387, 6.0501 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(64, 62, 47) }
```


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

```
.border{ border-color:rgb(64, 62, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 62, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 62, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 62, 47);  
box-shadow:4px 4px 4px 4px rgb(64, 62, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7726, -2.4387, 6.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 62, 47) }
```

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

```
.background{ background-color: rgb(64, 62,  
47) }
```

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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