

Converting Colors

HunterLab(41.5744, -3.2604,
4.1126)

Have a look what the booklet for
HunterLab(41.5744, -3.2604, 4.1126)
contains.

HunterLab(41.5732, -3.2613, 4.1122)	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(41.5732, -3.2613,
4.1122)

Conversions

Conversions Part 1

Format	Color
Hex	73746F
RGB	115, 116, 111
RGB Percent	45%, 45%, 44%
CMY	0.5490, 0.5451, 0.5647
CMYK	0.01, 0.00, 0.04, 0.55
HSL	72°, 2%, 45%
HSV	72°, 4%, 45%
XYZ	16.1849, 17.2833, 17.5219
YIQ	115.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

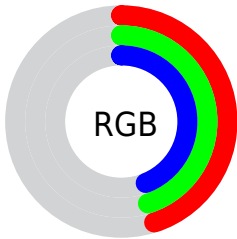
Format	Color
R_{YB}	111, 116, 112
Decimal	7566447
CIE Lab	48.62, -1.38, 2.62
CIE LCh	49, 2.961, 117.737
Yxy	17.2841, 0.3174, 0.3390
Android (android.graphics.Color)	4285756527 (0xFF73746F)
YUV	115.1310, -2.0366, -0.1149
Hunter-Lab	41.5732, -3.2613, 4.1122

Details

The HunterLab color $41.5732, -3.2613, 4.1122$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.0937, -1.0697, 0.2515$, and the grayscale version is $41.4640, -2.2124, 2.2528$.

A 20% lighter version of the original color is $62.3419, -4.4472, 5.3829$, and $23.8462, -2.2146, 2.9628$ is the 20% darker color. If you saturate the color by 10%, you get $41.0965, -5.5273, 8.0513$, and if you desaturate by 10%, it is $42.0904, -0.8177, -0.2907$.

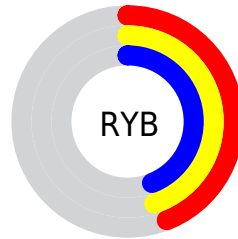
Distribution



Red (45%)

Green (45%)

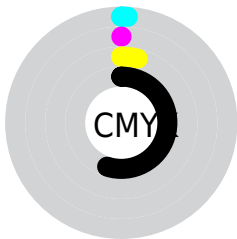
Blue (44%)



Red (44%)

Yellow (45%)

Blue (44%)

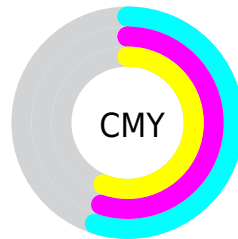


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5732, -3.2613, 4.1122 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 41.5732, -3.2613, 4.1122 by changing the saturation by 10% instead.

■ 41.5732, -3.2613,
4.1122

■ 41.5732, -3.2613,
4.1122

■ 153.8844, -9.8353,
11.2775

■ 32.3067, -2.6825,
3.4519

■ 62.3005, -4.5211,
5.5199

■ 23.8533, -2.1378,
2.8193

■ 73.6647, -5.1971,
6.2651

■ 16.3015, -1.6299,
2.2137

■ 85.6466, -5.9026,
7.0371

■ 9.7755, -1.1600,
1.6550

■ 98.2157, -6.6363,
7.8354

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.3457, -7.3973,
8.6592

0.0000, NaN, NaN

■ 125.0138, -8.1847,

0.0000, NaN, NaN

139.1994, -8.9976,
10.3809

■ 41.5732, -3.2613,
4.1122

■ 41.5732, -3.2613,
4.1122

■ 41.0965, -5.5273,
8.0513

■ 42.0904, -0.8177,
-0.2907

■ 40.6575, -7.6086,
11.5193

■ 42.6455, 1.8011,
-5.1502

■ 40.2565, -9.5035,
14.5155

■ 43.2392, 4.5876,
-10.4540

■ 39.8930, -11.2110,
17.0429

■ 43.8713, 7.5345,
-16.1875

■ 39.5657, -12.7323,
19.1102

■ 44.5413, 10.6339,
-22.3345

■ 39.2736, -14.0710,
20.7314

■ 45.2486, 13.8775,
-28.8772

■ 39.0149, -15.2334,
21.9279

■ 45.9927, 17.2568,
-35.7968

■ 38.7874, -16.2290,
22.7286

■ 46.7727, 20.7631,
-43.0736

■ 38.5874, -17.0772,
23.1873

■ 47.5880, 24.3879,
-50.6878

Harmonies

Analogous

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



41.5741, -2.1316, 4.3450



41.5732, -3.2613, 4.1122



41.5741, -4.1057, 3.3892

Triad

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



41.5741, -3.2623, 4.1128



41.5741, -3.4146, 0.4125



41.5741, 0.0512, 2.1784

Complementary

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



41.5732, -3.2613, 4.1122



40.0937, -1.0697, 0.2515

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.



41.5741, -0.3011, 1.1044



41.5732, -3.2613, 4.1122



41.5741, -2.3093, 0.0674

Square

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



41.5741, -3.2623, 4.1128



41.5741, -4.1929, 1.2547



41.5741, -1.1684, 0.3240



41.5741, -0.2107, 3.2467

Rectangle

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



41.5732, -3.2613, 4.1122



41.5741, -4.3960, 2.7150



41.5741, -1.1684, 0.3240



41.5741, 0.0006, 1.8059

Sweetspot

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



41.5741, -3.2623, 4.1128



55.3380, -3.2859, 3.6015



40.5581, -1.1467, 2.9865



27.0313, -1.5927, 1.7372



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



41.5741, -3.2623, 4.1128



55.0652, -4.5788, 5.9013



41.3726, -3.9700, 3.8718



20.6568, -1.7533, 2.2764



40.7518, -18.6131, 24.7852



89.7576, -41.8768, 54.5751

Inverse Universe

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



40.0937, -1.0697, 0.2515



52.7335, -1.1249, -0.1813



40.3005, -0.3578, 0.5168



19.7307, -0.3814, -0.1397



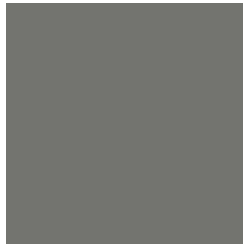
12.7114, 32.9006, -78.0800



27.5243, 72.1892, -176.4205

Previews

White Background



This preview shows how the HunterLab color 41.5732, -3.2613, 4.1122 looks on a white background.

Color Contrast Check

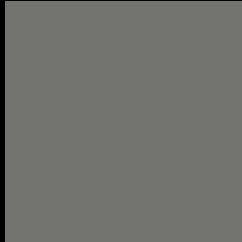
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.5732, -3.2613, 4.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

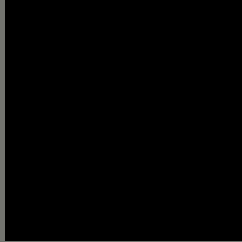
Any Text WCAG AA × Fail

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 41.5732, -3.2613, 4.1122 Background



This preview shows how black text looks on a background with the HunterLab color 41.5732, -3.2613, 4.1122.

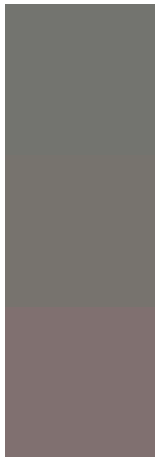


This preview shows how white text looks on a background with the HunterLab color 41.5732, -3.2613,

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

41.5732, -3.2613, 4.1122

Protanopia

41.6043, -1.7884, 4.5823

Deuteranopia

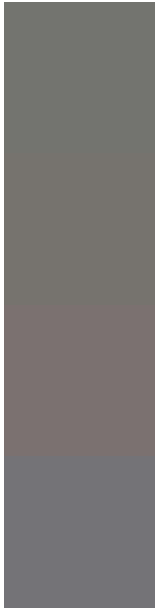
41.6502, 2.6299, 3.8892



Tritanopia

41.5290, 0.0866, -1.1616

Trichromacy



Original Color

41.5732, -3.2613, 4.1122

Protanomaly

41.5196, -2.0824, 4.4821

Deuteranomaly

41.4621, 0.6206, 3.6391

Tritanomaly

41.6009, -1.3047, 0.7376

Monochromacy



Original Color

41.5732, -3.2613, 4.1122

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.3778, -2.3609, 2.6444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5732, -3.2613, 4.1122 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(115, 116, 111)` looks like.

```
.text, #text, p{  
    color:rgb(115, 116, 111)  
}
```

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(115, 116, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 116, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5732, -3.2613, 4.1122 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(115, 116, 111) }
```


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

```
.border{ border-color:rgb(115, 116, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 116, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 116, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 116, 111);  
box-shadow:4px 4px 4px 4px rgb(115, 116,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5732, -3.2613, 4.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 116, 111) }
```

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

```
.background{ background-color: rgb(115,  
116, 111) }
```

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