

Converting Colors

HunterLab(46.5951, -6.6346,
1.2810)

Have a look what the booklet for
HunterLab(46.5951, -6.6346, 1.2810)
contains.

| | |
|--|----|
| HunterLab(46.5330, -6.4424, 1.2012) | 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(46.5330, -6.4424,
1.2012)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 758383 |
| RGB | 117, 131, 131 |
| RGB Percent | 46%, 51%, 51% |
| CMY | 0.5412, 0.4863, 0.4863 |
| CMYK | 0.11, 0.00, 0.00, 0.49 |
| HSL | 180°, 6%, 49% |
| HSV | 180°, 11%, 51% |
| XYZ | 19.5492, 21.6532, 24.6218 |
| YIQ | 126.8140, -8.3440, -2.9680 |

Conversions

Conversions Part 2

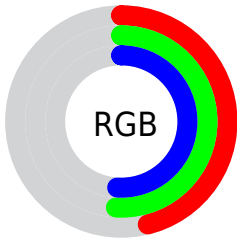
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 117, 124, 131 |
| Decimal | 7701379 |
| CIE _{Lab} | 53.66, -5.10, -1.75 |
| CIE _{LCh} | 54, 5.395, 198.909 |
| Yxy | 21.6541, 0.2970, 0.3290 |
| Android (android.graphics.Color) | 4285891459 (0xFF758383) |
| YUV | 126.8140, 2.0637, -8.6069 |
| Hunter-Lab | 46.5330, -6.4424, 1.2012 |

Details

The HunterLab color $46.5330, -6.4424, 1.2012$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $43.3968, 1.9311, 3.7802$, and the grayscale version is $45.9910, -2.4540, 2.4988$.

A 20% lighter version of the original color is $67.9534, -8.1874, 2.1632$, and $28.1229, -4.8199, 0.4155$ is the 20% darker color. If you saturate the color by 10%, you get $45.6171, -9.7449, 0.0301$, and if you desaturate by 10%, it is $47.5668, -2.8041, 2.4953$.

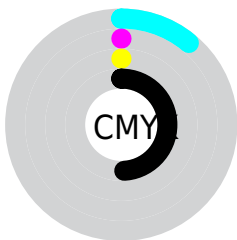
Distribution



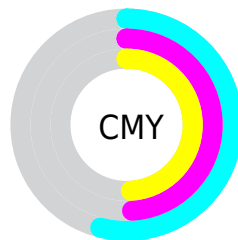
- Red (46%)
- Green (51%)
- Blue (51%)



- Red (46%)
- Yellow (49%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5330, -6.4424, 1.2012 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 46.5330, -6.4424, 1.2012 by changing the saturation by 10% instead.

■ 46.5330, -6.4424,
1.2012

■ 46.5330, -6.4424,
1.2012

161.4728,
-14.6743, 6.7907

■ 36.8822, -5.6222,
0.7728

■ 67.9512, -8.1367,
2.1936

■ 28.0090, -4.8148,
0.3942

■ 79.6309, -9.0116,
2.7494

■ 19.9899, -4.0156,
0.0727

■ 91.9124, -9.9060,
3.3418

■ 12.9279, -3.2139,
-0.1819

104.7674,
-10.8202, 3.9688

■ 6.3637, -3.8345,
-0.7923

118.1714,
-11.7543, 4.6286

0.0000, NaN, NaN

132.1028,

0.0000, NaN, NaN

-12.7080, 5.3197

0.0000, NaN, NaN

146.5424,
-13.6815, 6.0408

0.0000, NaN, NaN

■ 46.5330, -6.4424,
1.2012

■ 46.5330, -6.4424,
1.2012

■ 45.6171, -9.7449,
0.0301

■ 47.5668, -2.8041,
2.4953

■ 44.8174, -12.6821,
-1.0111

■ 48.7133, 1.1427,
3.9000

■ 44.1351, -15.2336,
-1.9145

■ 49.9704, 5.3653,
5.4051

■ 43.5685, -17.3850,
-2.6754

■ 51.3341, 9.8318,
6.9998

■ 43.1146, -19.1308,
-3.2923

■ 52.8004, 14.5111,
8.6732

■ 42.7686, -20.4758,
-3.7670

■ 54.3645, 19.3740,
10.4153

■ 42.5232, -21.4368,
-4.1058

■ 56.0219, 24.3936,
12.2167

■ 42.3690, -22.0443,
-4.3194

■ 57.7678, 29.5457,
14.0689

■ 42.2749, -22.4161,
-4.4499

■ 59.5973, 34.8089,
15.9645

Harmonies

Analogous

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



46.5340, -6.5883, 3.3050



46.5330, -6.4424, 1.2012



46.5340, -5.2495, -0.6224

Triad

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



46.5340, -6.4433, 1.2019



46.5340, 0.7654, -0.2071



46.5340, -1.6639, 6.3330

Complementary

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



46.5330, -6.4424, 1.2012



43.3968, 1.9311, 3.7802

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.



46.5340, 0.3447, 5.4818



46.5330, -6.4424, 1.2012



46.5340, 1.7647, 1.7475

Square

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



46.5340, -6.4433, 1.2019



46.5340, -1.0983, -1.4618



46.5340, 1.6093, 3.8258



46.5340, -3.8565, 6.2023

Rectangle

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



46.5330, -6.4424, 1.2012



46.5340, -4.0069, -1.4045



46.5340, 1.6093, 3.8258



46.5340, -0.9441, 6.1539

Sweetspot

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



46.5340, -6.4433, 1.2019



63.3095, -4.9509, 2.9129



46.1692, -8.5159, 6.6872



30.4970, -2.5668, 1.3423



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



46.5340, -6.4433, 1.2019



61.9349, -9.8213, 1.1826



44.6040, -3.3401, -1.1178



22.9758, -2.9038, 0.6864



41.9417, -22.2395, -4.4149



2.4687, -1.3089, -0.2601

Inverse Universe

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



43.3968, 1.9311, 3.7802



56.7280, 4.0878, 5.4652



45.2408, -1.2460, 5.7989



21.6535, 0.6249, 1.7728



21.7941, 37.3232, 14.0813



1.2828, 2.1969, 0.8284

Previews

White Background



This preview shows how the HunterLab color 46.5330, -6.4424, 1.2012 looks on a white background.

Color Contrast Check

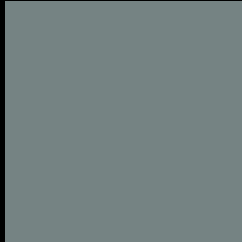
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.5330, -6.4424, 1.2012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

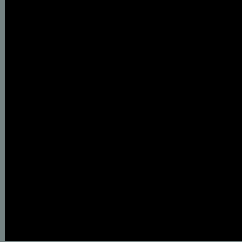
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

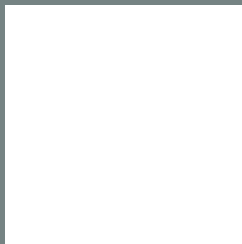
Any Text WCAG AAA × Fail

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

HunterLab 46.5330, -6.4424, 1.2012 Background



This preview shows how black text looks on a background with the HunterLab color 46.5330, -6.4424, 1.2012.



This preview shows how white text looks on a background with the HunterLab color 46.5330, -6.4424,

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

46.5330, -6.4424, 1.2012

Protanopia

46.3784, -1.2703, 2.0050

Deuteranopia

46.3514, 3.0442, 0.6914



Tritanopia

46.6697, -3.9379, -2.8315

Trichromacy



Original Color

46.5330, -6.4424, 1.2012

Protanomaly

46.2710, -3.0257, 1.3977

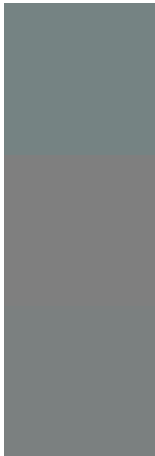
Deuteranomaly

46.4656, -0.7953, 0.7632

Tritanomaly

46.5005, -4.7207, -1.6055

Monochromacy



Original Color

46.5330, -6.4424, 1.2012

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.0519, -3.9076, 2.0160

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5330, -6.4424, 1.2012 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(117, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(117, 131, 131)  
}
```

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(117, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 131, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5330, -6.4424, 1.2012 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(117, 131, 131) }
```


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

```
.border{ border-color:rgb(117, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(117, 131,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5330, -6.4424, 1.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 131, 131) }
```

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

```
.background{ background-color: rgb(117,  
131, 131) }
```

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