

Converting Colors

HunterLab(41.0817, -7.1341,
5.4109)

Have a look what the booklet for
HunterLab(41.0817, -7.1341, 5.4109)
contains.

HunterLab(41.0212, -6.9220, 5.4475)	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(41.0212, -6.9220,
5.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	6A756A
RGB	106, 117, 106
RGB Percent	42%, 46%, 42%
CMY	0.5843, 0.5412, 0.5843
CMYK	0.09, 0.00, 0.09, 0.54
HSL	120°, 5%, 44%
HSV	120°, 9%, 46%
XYZ	14.9067, 16.8274, 16.0981
YIQ	112.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

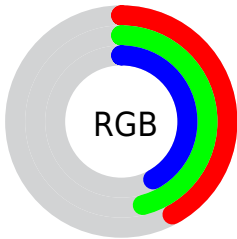
Format	Color
R_{YB}	106, 117, 117
Decimal	6976874
CIE Lab	48.04, -6.40, 4.66
CIE LCh	48, 7.921, 143.940
Yxy	16.8281, 0.3116, 0.3518
Android (android.graphics.Color)	4285166954 (0xFF6A756A)
YUV	112.4570, -3.1833, -5.6628
Hunter-Lab	41.0212, -6.9220, 5.4475

Details

The HunterLab color $41.0212, -6.9220, 5.4475$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.2106, 2.8606, -1.2376$, and the grayscale version is $40.4415, -2.1579, 2.1973$.

A 20% lighter version of the original color is $61.6266, -8.8496, 7.1302$, and $23.4560, -5.1198, 3.9050$ is the 20% darker color. If you saturate the color by 10%, you get $39.9154, -11.5265, 8.5587$, and if you desaturate by 10%, it is $42.2550, -1.9438, 2.0845$.

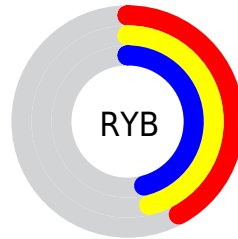
Distribution



Red (42%)

Green (46%)

Blue (42%)



Red (42%)

Yellow (46%)

Blue (46%)

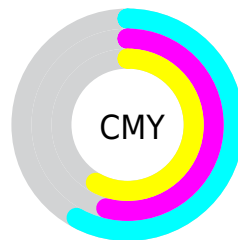


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0212, -6.9220, 5.4475 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 41.0212, -6.9220, 5.4475 by changing the saturation by 10% instead.

■ 41.0212, -6.9220,
5.4475

■ 41.0212, -6.9220,
5.4475

153.0294,
-15.6128, 13.4420

■ 31.7994, -6.0264,
4.6611

■ 61.6685, -8.7446,
7.0776

■ 23.3951, -5.1321,
3.8882

■ 72.9963, -9.6757,
7.9229

■ 15.8983, -4.2285,
3.1222

■ 84.9436, -10.6225,
8.7895

■ 9.4360, -3.4611,
2.5619

■ 97.4797, -11.5858,
9.6775

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5783,
-12.5663, 10.5870

0.0000, NaN, NaN

124.2161,

0.0000, NaN, NaN

-13.5641, 11.5176

0.0000, NaN, NaN

138.3726,
-14.5796, 12.4694

■ 41.0212, -6.9220,
5.4475

■ 41.0212, -6.9220,
5.4475

■ 39.9154, -11.5265,
8.5587

■ 42.2550, -1.9438,
2.0845

■ 38.9391, -15.7028,
11.3811

■ 43.6091, 3.3584,
-1.4967

■ 38.0956, -19.4038,
13.8827

■ 45.0788, 8.9336,
-5.2615

■ 37.3859, -22.5893,
16.0361

■ 46.6579, 14.7354,
-9.1783

■ 36.8087, -25.2306,
17.8219

■ 48.3402, 20.7224,
-13.2191

■ 36.3605, -27.3149,
19.2312

■ 50.1194, 26.8583,
-17.3595

■ 36.0348, -28.8486,
20.2684

■ 51.9893, 33.1126,
-21.5787

■ 35.8216, -29.8610,
20.9531

■ 53.9440, 39.4594,
-25.8594

■ 35.6781, -30.5462,
21.4164

■ 55.9779, 45.8778,
-30.1872

Harmonies

Analogous

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



41.0221, -4.5940, 7.1079



41.0212, -6.9220, 5.4475



41.0221, -7.9804, 2.8301

Triad

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



41.0221, -6.9229, 5.4481



41.0221, -2.8216, -3.8484



41.0221, 3.4297, 4.4790

Complementary

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



41.0212, -6.9220, 5.4475



39.2106, 2.8606, -1.2376

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.



41.0221, 3.9384, 1.6267



41.0212, -6.9220, 5.4475



41.0221, 0.2685, -3.3251

Square

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



41.0221, -6.9229, 5.4481



41.0221, -5.6584, -2.6468



41.0221, 2.7655, -1.2655



41.0221, 1.3955, 6.5783

Rectangle

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



41.0212, -6.9220, 5.4475



41.0221, -7.8454, 0.8361



41.0221, 2.7655, -1.2655



41.0221, 3.7872, 3.5824

Sweetspot

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



41.0221, -6.9229, 5.4481



55.9176, -5.1031, 4.4794



41.8879, -3.8448, 6.4430



26.7557, -2.6747, 2.3017



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.



41.0221, -6.9229, 5.4481



54.6016, -10.4629, 8.1005



41.1658, -6.1202, 3.3897



20.2440, -3.3261, 2.6272



37.4400, -32.1047, 22.5081



82.6493, -70.8717, 49.6872

Inverse Universe

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



39.2106, 2.8606, -1.2376



51.6996, 5.2147, -2.6131



39.0501, 1.9997, 1.0432



19.3854, 1.3111, -0.5417



23.6259, 46.4489, -31.1587



52.1544, 102.5367, -68.7829

Previews

White Background



This preview shows how the HunterLab color 41.0212, -6.9220, 5.4475 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 41.0212, -6.9220, 5.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

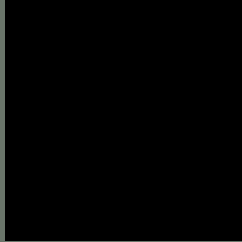
Any Text WCAG AA × Fail

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 41.0212, -6.9220, 5.4475 Background



This preview shows how black text looks on a background with the HunterLab color 41.0212, -6.9220, 5.4475.

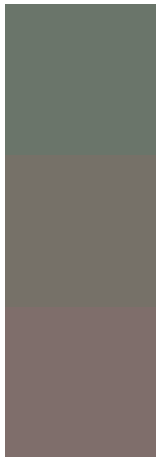


This preview shows how white text looks on a background with the HunterLab color 41.0212, -6.9220,

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

41.0212, -6.9220, 5.4475

Protanopia

40.8182, -2.0097, 6.0934

Deuteranopia

40.8967, 2.5520, 5.0792



Tritanopia

40.9159, -1.9664, -2.4543

Trichromacy



Original Color

41.0212, -6.9220, 5.4475

Protanomaly

40.7823, -3.4984, 5.6389

Deuteranomaly

40.9802, -1.2968, 5.1042

Tritanomaly

40.9072, -3.8394, 0.7471

Monochromacy



Original Color

41.0212, -6.9220, 5.4475

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.5899, -3.9147, 3.3946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0212, -6.9220, 5.4475 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(106, 117, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 106)  
}
```

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(106, 117, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0212, -6.9220, 5.4475 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(106, 117, 106) }
```


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

```
.border{ border-color:rgb(106, 117, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 117, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0212, -6.9220, 5.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 106) }
```

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

```
.background{ background-color: rgb(106,  
117, 106) }
```

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