

Converting Colors

HunterLab(43.6200, -2.4200,
21.7766)

Have a look what the booklet for
HunterLab(43.6200, -2.4200,
21.7766) contains.

HunterLab(43.6516, -2.2701, 21.7764)	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(43.6516, -2.2701,
21.7764)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7738
RGB	140, 119, 56
RGB Percent	55%, 47%, 22%
CMY	0.4510, 0.5333, 0.7804
CMYK	0.00, 0.15, 0.60, 0.45
HSL	45°, 43%, 38%
HSV	45°, 60%, 55%
XYZ	18.1259, 19.0546, 6.4640
YIQ	118.0970, 32.7390, -15.1410

Conversions

Conversions Part 2

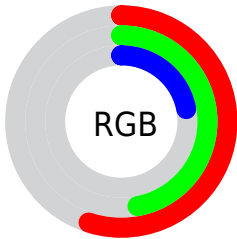
Format	Color
R_{YB}	84, 140, 56
Decimal	9205560
CIE _{Lab}	50.75, 0.08, 37.07
CIE _{LCh}	51, 37.068, 89.881
Yxy	19.0555, 0.4153, 0.4366
Android (android.graphics.Color)	4287395640 (0xFF8C7738)
YUV	118.0970, -30.6138, 19.2089
Hunter-Lab	43.6516, -2.2701, 21.7764

Details

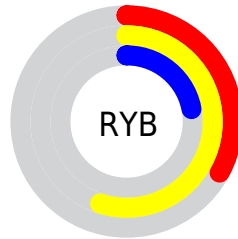
The HunterLab color $43.6516, -2.2701, 21.7764$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $28.3579, 7.1399, -34.2749$, and the grayscale version is $42.7075, -2.2788, 2.3204$.

A 20% lighter version of the original color is $64.7159, -3.2620, 27.5765$, and $25.5892, -1.3783, 15.2780$ is the 20% darker color. If you saturate the color by 10%, you get $42.5669, -1.4367, 23.1531$, and if you desaturate by 10%, it is $44.7891, -2.8896, 19.8775$.

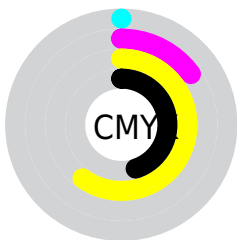
Distribution



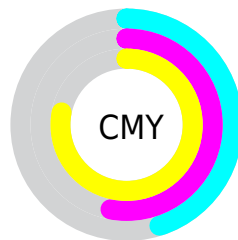
- Red (55%)
- Green (47%)
- Blue (22%)



- Red (33%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (60%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.6516, -2.2701, 21.7764 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 43.6516, -2.2701, 21.7764 by changing the saturation by 10% instead.

■ 43.6516, -2.2701,
21.7764

■ 43.6516, -2.2701,
21.7764

■ 157.0844, -8.2986,
44.8151

■ 34.2205, -1.7727,
18.6593

■ 64.6745, -3.3863,
27.5043

■ 25.5867, -1.3167,
15.3076

■ 76.1735, -3.9966,
30.1830

■ 17.8335, -0.9082,
12.4834

■ 88.2831, -4.6398,
32.7702

■ 11.0752, -0.5537,
7.7526

■ 100.9741, -5.3142,
35.2828

■ 2.8855, -0.0374,
2.0199

■ 114.2210, -6.0184,
37.7341

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 128.0012, -6.7513,

40.1346

0.0000, NaN, NaN

142.2950, -7.5116,
42.4926

0.0000, NaN, NaN

■ 43.6516, -2.2701,
21.7764

■ 43.6516, -2.2701,
21.7764

■ 42.5669, -1.4367,
23.1531

■ 44.7891, -2.8896,
19.8775

■ 41.5316, -0.3911,
24.0162

■ 45.9760, -3.2876,
17.4557

■ 40.5453, 0.8523,
24.3911

■ 47.2127, -3.4667,
14.5198

■ 39.5978, 2.2313,
24.4389

■ 48.4982, -3.4301,
11.0834

■ 39.5977, 2.2315,
24.4390

■ 49.8313, -3.1831,
7.1640

■ 51.2105, -2.7324,
2.7817

■ 52.6344, -2.0855,
-2.0419

■ 54.1015, -1.2507,
-7.2842

■ 55.6103, -0.2367,
-12.9227

Harmonies

Analogous

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



43.6526, 12.9806, 19.9765



43.6516, -2.2701, 21.7764



43.6526, -15.6960, 20.0060

Triad

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



43.6526, -2.2718, 21.7768



43.6526, -24.4811, -13.4822



43.6526, 25.2890, -13.6148

Complementary

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



43.6516, -2.2701, 21.7764



28.3579, 7.1399, -34.2749

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.



43.6526, 12.8635, -28.4401



43.6516, -2.2701, 21.7764



43.6526, -15.7865, -28.3473

Square

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



43.6526, -2.2718, 21.7768



43.6526, -27.4260, 2.4329



43.6526, -2.3912, -34.5641



43.6526, 30.1381, 2.3193

Rectangle

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



43.6516, -2.2701, 21.7764



43.6526, -22.1346, 16.5325



43.6526, -2.3912, -34.5641



43.6526, 21.7844, -19.0632

Sweetspot

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



43.6526, -2.2718, 21.7768



64.6784, -4.5201, 13.9168



29.8995, 28.6830, 5.0027



30.8286, -2.1947, 7.2969



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



43.6526, -2.2718, 21.7768



56.0291, -1.4503, 31.2225



47.9203, -17.9305, 24.5850



23.7420, -1.4984, 3.2349



37.3688, 2.0275, 23.0620



3.4051, -0.4360, 2.0906

Inverse Universe

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



28.3579, 7.1399, -34.2749



32.0362, 15.3117, -60.9473



25.0994, 21.5646, -42.7646



22.5439, -0.8944, -0.8674



16.6678, 21.7422, -67.7686



1.9710, 0.3342, -3.1850

Previews

White Background



This preview shows how the HunterLab color 43.6516, -2.2701, 21.7764 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 43.6516, -2.2701, 21.7764 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 43.6516, -2.2701, 21.7764 Background



This preview shows how black text looks on a background with the HunterLab color 43.6516, -2.2701, 21.7764.



This preview shows how white text looks on a background with the HunterLab color 43.6516, -2.2701,

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

43.6516, -2.2701, 21.7764

Protanopia

43.6331, -5.1455, 21.5366

Deuteranopia

43.5275, 2.8244, 21.5982



Tritanopia

43.6804, 9.7820, 2.5335

Trichromacy



Original Color

43.6516, -2.2701, 21.7764

Protanomaly

43.5461, -4.0271, 21.4920

Deuteranomaly

43.4709, 1.2783, 21.5294

Tritanomaly

43.6507, 4.5382, 11.6156

Monochromacy



Original Color

43.6516, -2.2701, 21.7764

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.6834, -2.9830, 11.2104

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.6516, -2.2701, 21.7764 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(140, 119, 56)` looks like.

```
.text, #text, p{  
    color:rgb(140, 119, 56)  
}
```

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(140, 119, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 43.6516, -2.2701, 21.7764 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(140, 119, 56) }
```


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

```
.border{ border-color:rgb(140, 119, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 119, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 56);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.6516, -2.2701, 21.7764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 56) }
```

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

```
.background{ background-color: rgb(140,  
119, 56) }
```

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