

Converting Colors

HunterLab(37.2637, 1.4989,
7.5447)

Have a look what the booklet for
HunterLab(37.2637, 1.4989, 7.5447)
contains.

HunterLab(37.2788, 1.6555, 7.6158)	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(37.2788, 1.6555,
7.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	76655A
RGB	118, 101, 90
RGB Percent	46%, 40%, 35%
CMY	0.5373, 0.6039, 0.6471
CMYK	0.00, 0.14, 0.24, 0.54
HSL	24°, 13%, 41%
HSV	24°, 24%, 46%
XYZ	13.9703, 13.8971, 11.6190
YIQ	104.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

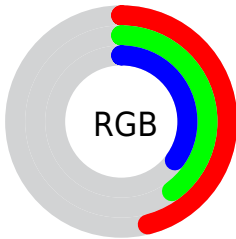
Format	Color
R_{YB}	118, 108, 90
Decimal	7759194
CIE Lab	44.09, 4.88, 8.73
CIE LCh	44, 10.005, 60.785
Yxy	13.8977, 0.3538, 0.3520
Android (android.graphics.Color)	4285949274 (0xFF76655A)
YUV	104.8290, -7.3107, 11.5510
Hunter-Lab	37.2788, 1.6555, 7.6158

Details

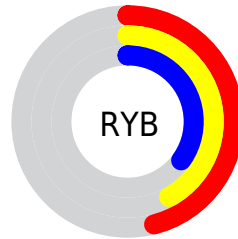
The HunterLab color $37.2788, 1.6555, 7.6158$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.4121, -4.6671, -4.1910$, and the grayscale version is $37.5441, -2.0033, 2.0398$.

A 20% lighter version of the original color is $57.3550, 0.8978, 9.7096$, and $20.2124, 1.9671, 5.4994$ is the 20% darker color. If you saturate the color by 10%, you get $35.1873, 3.5682, 9.5361$, and if you desaturate by 10%, it is $39.4552, -0.1003, 5.4984$.

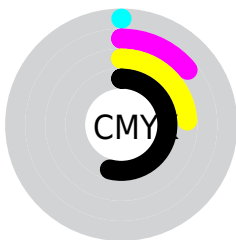
Distribution



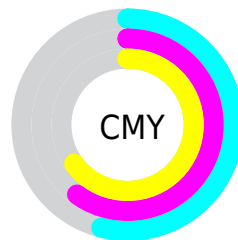
- Red (46%)
- Green (40%)
- Blue (35%)



- Red (46%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2788, 1.6555, 7.6158 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 37.2788, 1.6555, 7.6158 by changing the saturation by 10% instead.

■ 37.2788, 1.6555,
7.6158

■ 37.2788, 1.6555,
7.6158

147.1712, -2.1636,
17.3082

■ 28.3718, 1.8254,
6.5577

■ 57.3650, 1.1250,
9.7134

■ 20.3142, 1.9205,
5.4749

■ 68.4381, 0.7805,
10.7658

■ 13.2086, 1.9225,
4.3410

■ 80.1442, 0.3891,
11.8260

■ 6.7256, 2.8046,
4.7079

■ 92.4508, -0.0454,
12.8965

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3297, -0.5203,
13.9790

0.0000, NaN, NaN

118.7568, -1.0330,

0.0000, NaN, NaN

15.0746

0.0000, NaN, NaN

132.7103, -1.5813,
16.1841

■ 37.2788, 1.6555,
7.6158

■ 37.2788, 1.6555,
7.6158

■ 35.1873, 3.5682,
9.5361

■ 39.4552, -0.1003,
5.4984

■ 33.1870, 5.6513,
11.2292

■ 41.7063, -1.7073,
3.2069

■ 31.2888, 7.9099,
12.6641

■ 44.0260, -3.1789,
0.7630

■ 29.5036, 10.3440,
13.8066

■ 46.4084, -4.5275,
-1.8154

■ 27.8435, 12.9437,
14.6231

■ 48.8482, -5.7645,
-4.5131

■ 26.3206, 15.6850,
15.0851

■ 51.3410, -6.9007,
-7.3173

■ 24.9464, 18.5200,
15.1910

■ 53.8827, -7.9459,
-10.2171

■ 24.1545, 20.2680,
15.2387

■ 56.4698, -8.9089,
-13.2034

■ 59.0992, -9.7978,
-16.2684

Harmonies

Analogous

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



37.2796, 4.5171, 5.4245



37.2788, 1.6555, 7.6158



37.2796, -2.0915, 8.3496

Triad

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



37.2796, 1.6543, 7.6164



37.2796, -9.0408, 1.9335



37.2796, 1.8351, -4.4716

Complementary

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



37.2788, 1.6555, 7.6158



37.4121, -4.6671, -4.1910

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.



37.2796, -1.8906, -5.6376



37.2788, 1.6555, 7.6158



37.2796, -8.0814, -1.7188

Square

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



37.2796, 1.6543, 7.6164



37.2796, -8.1753, 5.2746



37.2796, -5.5017, -4.5838



37.2796, 4.6244, -1.5369

Rectangle

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



37.2788, 1.6555, 7.6158



37.2796, -4.5567, 7.9772



37.2796, -5.5017, -4.5838



37.2796, 0.6458, -5.0959

Sweetspot

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



37.2796, 1.6543, 7.6164



54.2640, -1.5506, 5.3237



34.9731, 9.2075, -1.9951



25.9633, -0.7042, 2.6100



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.



37.2796, 1.6543, 7.6164



48.0403, 3.4274, 11.3995



40.9763, -4.5487, 11.1735



19.7866, -0.4265, 2.1699



25.0772, 21.2001, 15.8236



53.9239, 50.5371, 34.1124

Inverse Universe

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



37.4121, -4.6671, -4.1910



48.2497, -6.6450, -7.4179



33.7008, 1.5343, -9.3606



19.8120, -1.6212, -0.0609



25.2057, -1.5714, -28.1127



54.0888, -0.8667, -65.7353

Previews

White Background



This preview shows how the HunterLab color 37.2788, 1.6555, 7.6158 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 37.2788, 1.6555, 7.6158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

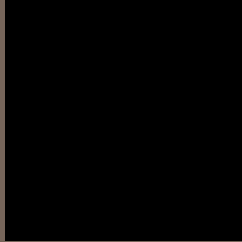
Any Text WCAG AA × Fail

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 37.2788, 1.6555, 7.6158 Background



This preview shows how black text looks on a background with the HunterLab color 37.2788, 1.6555, 7.6158.



This preview shows how white text looks on a background with the HunterLab color 37.2788, 1.6555,

7.6158.

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

37.2788, 1.6555, 7.6158

Protanopia

37.3156, -2.2136, 6.8672

Deuteranopia

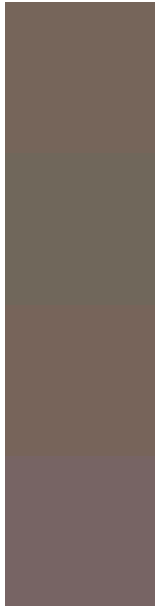
37.1140, 2.4336, 7.4596



Tritanopia

37.3595, 5.3771, 1.4750

Trichromacy



Original Color

37.2788, 1.6555, 7.6158

Protanomaly

37.2835, -0.9927, 7.2170

Deuteranomaly

37.1140, 2.4336, 7.4596

Tritanomaly

37.3582, 3.7386, 3.9508

Monochromacy



Original Color

37.2788, 1.6555, 7.6158

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.5975, -0.8431, 4.1398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2788, 1.6555, 7.6158 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(118, 101, 90)` looks like.

```
.text, #text, p{  
    color:rgb(118, 101, 90)  
}
```

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(118, 101, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 101, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2788, 1.6555, 7.6158 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(118, 101, 90) }
```


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

```
.border{ border-color:rgb(118, 101, 90) }
```

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

Here you see how a box with a 4 pixel rgb(118, 101, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 101, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 101, 90);  
box-shadow:4px 4px 4px 4px rgb(118, 101,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2788, 1.6555, 7.6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 101, 90) }
```

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

```
.background{ background-color: rgb(118,  
101, 90) }
```

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