

Converting Colors

HunterLab(37.7442, -5.0902,
20.8847)

Have a look what the booklet for
HunterLab(37.7442, -5.0902,
20.8847) contains.

HunterLab(37.7749, -5.1500, 20.9282)	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(37.7749, -5.1500,
20.9282)**

Conversions

Conversions Part 1

Format	Color
Hex	766A21
RGB	118, 106, 33
RGB Percent	46%, 42%, 13%
CMY	0.5373, 0.5843, 0.8706
CMYK	0.00, 0.10, 0.72, 0.54
HSL	52°, 56%, 30%
HSV	52°, 72%, 46%
XYZ	12.8998, 14.2694, 3.5132
YIQ	101.2660, 30.5850, -20.1590

Conversions

Conversions Part 2

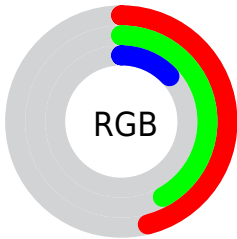
Format	Color
R_{YB}	47, 118, 33
Decimal	7760417
CIE Lab	44.62, -4.33, 40.84
CIE LCh	45, 41.069, 96.052
Yxy	14.2701, 0.4204, 0.4651
Android (android.graphics.Color)	4285950497 (0xFF766A21)
YUV	101.2660, -33.6551, 14.6757
Hunter-Lab	37.7749, -5.1500, 20.9282

Details

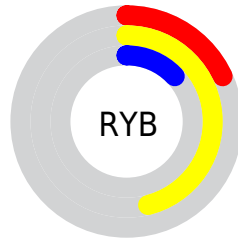
The HunterLab color **37.7749, -5.1500, 20.9282** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18.7298, 13.3076, -42.4815**, and the grayscale version is **36.2899, -1.9363, 1.9717**.

A 20% lighter version of the original color is **57.9719, -6.5734, 27.4428**, and **20.7875, -3.0723, 12.7554** is the 20% darker color. If you saturate the color by 10%, you get **37.2495, -4.8416, 21.7232**, and if you desaturate by 10%, it is **38.3339, -5.2990, 19.7194**.

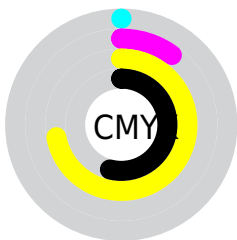
Distribution



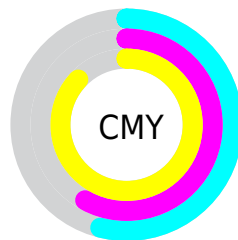
- Red (46%)
- Green (42%)
- Blue (13%)



- Red (18%)
- Yellow (46%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (72%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7749, -5.1500, 20.9282 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 37.7749, -5.1500, 20.9282 by changing the saturation by 10% instead.

37.7749, -5.1500,
20.9282

37.7749, -5.1500,
20.9282

147.9543,
-12.8916, 46.4020

28.8249, -4.3938,
17.3750

57.9375, -6.7235,
27.3845

20.7199, -3.6509,
14.1830

69.0452, -7.5405,
30.3716

13.5605, -2.9153,
9.4923

80.7840, -8.3790,
33.2390

7.1500, -3.0208,
5.0050

93.1217, -9.2390,
36.0086

0.0000, NaN, NaN

0.0000, NaN, NaN

106.0304,
-10.1205, 38.6975

0.0000, NaN, NaN

119.4859,

0.0000, NaN, NaN

-11.0232, 41.3192

0.0000, NaN, NaN

133.4669,
-11.9470, 43.8844

37.7749, -5.1500,
20.9282

37.7749, -5.1500,
20.9282

37.2495, -4.8416,
21.7232

38.3339, -5.2990,
19.7194

36.7527, -4.3824,
22.1345

38.9252, -5.2756,
18.0760

36.3677, -3.9673,
22.3402

39.5507, -5.0756,
15.9870

40.2112, -4.6959,
13.4475

40.9067, -4.1357,
10.4579

■ 41.6375, -3.3959,
7.0232

■ 42.4034, -2.4788,
3.1516

■ 43.2041, -1.3879,
-1.1456

■ 44.0391, -0.1277,
-5.8549

Harmonies

Analogous

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



37.7758, 11.0487, 20.0240



37.7749, -5.1500, 20.9282



37.7758, -18.2090, 18.6969

Triad

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



37.7758, -5.1515, 20.9285



37.7758, -23.4776, -19.0774



37.7758, 29.7597, -11.5733

Complementary

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



37.7749, -5.1500, 20.9282



18.7298, 13.3076, -42.4815

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.



37.7758, 17.4643, -29.3528



37.7749, -5.1500, 20.9282



37.7758, -13.5187, -34.7829

Square

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



37.7758, -5.1515, 20.9285



37.7758, -27.6179, -1.1021



37.7758, 1.2218, -39.1588



37.7758, 32.9775, 4.9635

Rectangle

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



37.7749, -5.1500, 20.9282



37.7758, -23.9609, 14.8454



37.7758, 1.2218, -39.1588



37.7758, 26.4633, -17.7789

Sweetspot

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



37.7758, -5.1515, 20.9285



54.1946, -5.5283, 14.0866



22.6598, 27.3294, 7.7451



25.8944, -2.7314, 7.1615



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.



37.7758, -5.1515, 20.9285



48.9868, -6.0701, 29.1955



38.9276, -18.5950, 21.4697



20.4510, -1.5335, 2.8852



37.8092, -4.0979, 23.2261



82.8962, -8.1304, 50.9379

Inverse Universe

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



18.7298, 13.3076, -42.4815



19.9523, 26.1556, -76.8023



18.5592, 23.7665, -42.9022



19.1459, -0.5153, -0.8778



13.5077, 25.8169, -72.6147



28.4849, 61.9996, -169.4430

Previews

White Background



This preview shows how the HunterLab color 37.7749, -5.1500, 20.9282 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

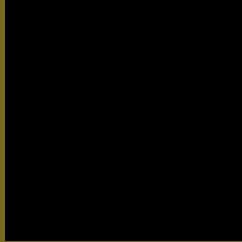
Any Text WCAG AA × Fail

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 37.7749, -5.1500, 20.9282 Background



This preview shows how black text looks on a background with the HunterLab color 37.7749, -5.1500, 20.9282.



This preview shows how white text looks on a background with the HunterLab color 37.7749, -5.1500,

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

37.7749, -5.1500, 20.9282

Protanopia

37.7749, -5.1500, 20.9282

Deuteranopia

37.6048, 2.4318, 20.7074



Tritanopia

37.7761, 6.7919, 1.5645

Trichromacy



Original Color

37.7749, -5.1500, 20.9282

Protanomaly

37.7749, -5.1500, 20.9282

Deuteranomaly

37.5902, -0.2882, 20.7709

Tritanomaly

37.7088, 1.3476, 11.3266

Monochromacy



Original Color

37.7749, -5.1500, 20.9282

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.5350, -4.2418, 11.3424

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7749, -5.1500, 20.9282 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, 106, 33)` looks like.

```
.text, #text, p{  
    color:rgb(118, 106, 33)  
}
```

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, 106, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 106, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7749, -5.1500, 20.9282 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, 106, 33) }
```


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

```
.border{ border-color:rgb(118, 106, 33) }
```

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

Here you see how a box with a 4 pixel rgb(118, 106, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 106, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 106, 33);  
box-shadow:4px 4px 4px 4px rgb(118, 106,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7749, -5.1500, 20.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 106, 33) }
```

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

```
.background{ background-color: rgb(118,  
106, 33) }
```

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](#).

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