

Converting Colors

HunterLab(37.8216, -21.1627,
15.2103)

Have a look what the booklet for
HunterLab(37.8216, -21.1627,
15.2103) contains.

HunterLab(37.7201, -21.0758, 15.0132)	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(37.7201,
-21.0758, 15.0132)**

Conversions

Conversions Part 1

Format	Color
Hex	417541
RGB	65, 117, 65
RGB Percent	25%, 46%, 25%
CMY	0.7451, 0.5412, 0.7451
CMYK	0.44, 0.00, 0.44, 0.54
HSL	120°, 29%, 36%
HSV	120°, 44%, 46%
XYZ	9.4954, 14.2281, 7.2468
YIQ	95.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

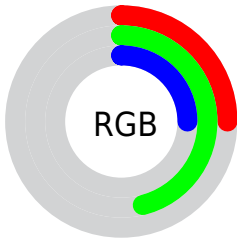
Format	Color
RYB	65, 117, 117
Decimal	4289857
CIELab	44.56, -29.02, 23.36
CIELCh	45, 37.257, 141.171
Yxy	14.2287, 0.3066, 0.4594
Android (android.graphics.Color)	4282479937 (0xFF417541)
YUV	95.5240, -15.0483, -26.7695
Hunter-Lab	37.7201, -21.0758, 15.0132

Details

The HunterLab color $[37.7201, -21.0758, 15.0132]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[29.7441, 22.5891, -14.8245]$, and the grayscale version is $[34.0823, -1.8185, 1.8518]$.

A 20% lighter version of the original color is $[58.0322, -25.8453, 19.0421]$, and $[20.6468, -15.8584, 10.5443]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.0783, -23.9902, 16.9834]$, and if you desaturate by 10%, it is $[38.4969, -17.6310, 12.6844]$.

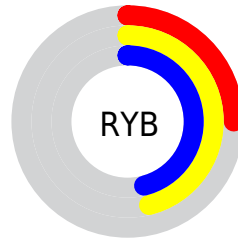
Distribution



Red (25%)

Green (46%)

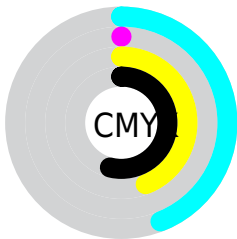
Blue (25%)



Red (25%)

Yellow (46%)

Blue (46%)

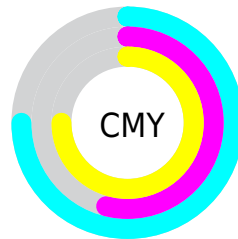


Cyan (44%)

Magenta (0%)

Yellow (44%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7201, -21.0758, 15.0132 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 37.7201, -21.0758, 15.0132 by changing the saturation by 10% instead.

37.7201, -21.0758,
15.0132

37.7201, -21.0758,
15.0132

147.8677,
-40.0744, 31.5701

28.7748, -18.5598,
12.8557

57.8742, -25.7118,
19.0084

20.6750, -15.8346,
10.5305

68.9781, -27.8961,
20.9002

13.5215, -12.7923,
8.9310

80.7133, -30.0185,
22.7445

7.1044, -12.4326,
4.9730

93.0475, -32.0925,
24.5527

0.0000, NaN, NaN

0.0000, NaN, NaN

105.9529,
-34.1281, 26.3335

0.0000, NaN, NaN

119.4053,

0.0000, NaN, NaN

-36.1331, 28.0934

0.0000, NaN, NaN

133.3833,
-38.1135, 29.8376

■ 37.7201, -21.0758,
15.0132

■ 37.7201, -21.0758,
15.0132

■ 37.0783, -23.9902,
16.9834

■ 38.4969, -17.6310,
12.6844

■ 36.5668, -26.3511,
18.5797

■ 39.4065, -13.6886,
10.0199

■ 36.1813, -28.1557,
19.7999

■ 40.4479, -9.2942,
7.0503

■ 35.9138, -29.4213,
20.6558

■ 41.6177, -4.4978,
3.8098

■ 35.7482, -30.2103,
21.1894

■ 42.9114, 0.6479,
0.3338

■ 35.6695, -30.5866,
21.4438

■ 44.3236, 6.0916,
-3.3426

■ 45.8483, 11.7847,
-7.1865

■ 47.4794, 17.6832,
-11.1683

■ 49.2105, 23.7482,
-15.2614

Harmonies

Analogous

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



37.7209, -11.4100, 19.1701



37.7201, -21.0758, 15.0132



37.7209, -25.4533, 5.8390

Triad

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



37.7209, -21.0764, 15.0135



37.7209, -6.1291, -33.8552



37.7209, 27.0904, 10.3066

Complementary

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



37.7201, -21.0758, 15.0132



29.7441, 22.5891, -14.8245

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.



37.7209, 29.0619, -2.1708



37.7201, -21.0758, 15.0132



37.7209, 8.4009, -31.2402

Square

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



37.7209, -21.0764, 15.0135



37.7209, -17.7044, -24.4218



37.7209, 21.7942, -18.2203



37.7209, 16.7501, 17.2386

Rectangle

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



37.7201, -21.0758, 15.0132



37.7209, -25.3096, -3.3543



37.7209, 21.7942, -18.2203



37.7209, 28.8089, 6.7625

Sweetspot

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



37.7209, -21.0764, 15.0135



54.2904, -11.7502, 8.9703



41.0937, -8.2687, 17.9614



25.9035, -6.1687, 4.6624



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.



37.7209, -21.0764, 15.0135



49.6220, -32.0755, 22.7081



38.2130, -18.1524, 7.8717



20.2440, -3.3262, 2.6272



37.4400, -32.1047, 22.5082



82.6493, -70.8718, 49.6873

Inverse Universe

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



29.7441, 22.5891, -14.8245



37.0071, 37.4843, -24.8225



28.8411, 18.3208, -2.2550



19.3854, 1.3111, -0.5417



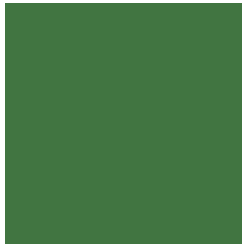
23.6260, 46.4493, -31.1602



52.1547, 102.5376, -68.7865

Previews

White Background



This preview shows how the HunterLab color 37.7201, -21.0758, 15.0132 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 37.7201, -21.0758, 15.0132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

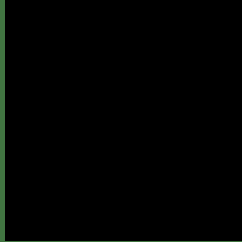
Any Text WCAG AA × Fail

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 37.7201, -21.0758, 15.0132 Background



This preview shows how black text looks on a background with the HunterLab color 37.7201, -21.0758, 15.0132.



This preview shows how white text looks on a background with the HunterLab color 37.7201,

-21.0758, 15.0132.

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

37.7201, -21.0758, 15.0132

Protanopia

37.5299, -4.0172, 16.0807

Deuteranopia

37.3893, 2.5303, 14.1553



Tritanopia

37.7643, -9.1070, -4.7870

Trichromacy



Original Color

37.7201, -21.0758, 15.0132

Protanomaly

37.1840, -10.9808, 15.4535

Deuteranomaly

36.9709, -7.2138, 13.8847

Tritanomaly

37.5607, -14.0363, 3.8675

Monochromacy



Original Color

37.7201, -21.0758, 15.0132

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.3381, -9.6307, 7.1871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7201, -21.0758, 15.0132 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(65, 117, 65)` looks like.

```
.text, #text, p{  
    color:rgb(65, 117, 65)  
}
```

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(65, 117, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 117, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7201, -21.0758, 15.0132 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(65, 117, 65) }
```


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

```
.border{ border-color:rgb(65, 117, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 117, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 117, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 117, 65);  
box-shadow:4px 4px 4px 4px rgb(65, 117,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7201, -21.0758, 15.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 117, 65) }
```

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

```
.background{ background-color: rgb(65, 117,  
65) }
```

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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