

Converting Colors

HunterLab(37.2715, -15.8659,
21.0393)

Have a look what the booklet for
HunterLab(37.2715, -15.8659,
21.0393) contains.

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Color

**HunterLab(37.2715,
-15.8659, 21.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	5B701B
RGB	91, 112, 27
RGB Percent	36%, 44%, 11%
CMY	0.6431, 0.5608, 0.8941
CMYK	0.19, 0.00, 0.76, 0.56
HSL	75°, 61%, 27%
HSV	75°, 76%, 44%
XYZ	10.3064, 13.8916, 3.1751
YIQ	96.0310, 14.7690, -30.8870

Conversions

Conversions Part 2

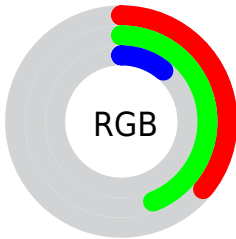
Format	Color
R_{YB}	27, 112, 48
Decimal	5992475
CIE Lab	44.08, -20.53, 42.02
CIE LCh	44, 46.766, 116.033
Yxy	13.8923, 0.3765, 0.5075
Android (android.graphics.Color)	4284182555 (0xFF5B701B)
YUV	96.0310, -34.0323, -4.4122
Hunter-Lab	37.2715, -15.8659, 21.0393

Details

The HunterLab color $37.2715, -15.8659, 21.0393$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $16.0700, 22.2619, -46.2681$, and the grayscale version is $34.3323, -1.8319, 1.8653$.

A 20% lighter version of the original color is $57.4596, -19.4222, 27.8215$, and $20.3937, -11.2843, 12.3690$ is the 20% darker color. If you saturate the color by 10%, you get $37.0295, -16.9196, 21.7486$, and if you desaturate by 10%, it is $37.5468, -14.6488, 19.9569$.

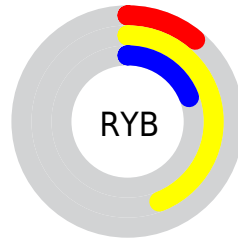
Distribution



Red (36%)

Green (44%)

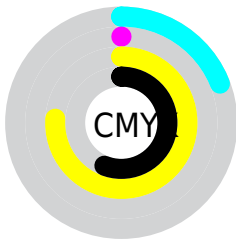
Blue (11%)



Red (11%)

Yellow (44%)

Blue (19%)

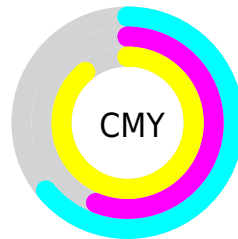


Cyan (19%)

Magenta (0%)

Yellow (76%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2715, -15.8659, 21.0393 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 37.2715, -15.8659, 21.0393 by changing the saturation by 10% instead.

37.2715, -15.8659,
21.0393

37.2715, -15.8659,
21.0393

147.1596,
-30.8794, 47.1851

28.3651, -13.9792,
17.3789

57.3566, -19.4115,
27.6850

20.3083, -11.9645,
14.2158

68.4292, -21.1106,
30.7557

13.2034, -9.7490,
9.2424

80.1348, -22.7783,
33.7005

6.7191, -11.7584,
4.7034

92.4409, -24.4231,
36.5423

0.0000, NaN, NaN

0.0000, NaN, NaN

105.3194,
-26.0513, 39.2989

0.0000, NaN, NaN

118.7460,

0.0000, NaN, NaN

-27.6677, 41.9844

0.0000, NaN, NaN

132.6991,
-29.2760, 44.6100

37.2715, -15.8659,
21.0393

37.2715, -15.8659,
21.0393

37.0295, -16.9196,
21.7486

37.5468, -14.6488,
19.9569

36.8133, -17.8344,
22.1591

37.8551, -13.2563,
18.4727

36.7273, -18.1985,
22.3126

38.1987, -11.6842,
16.5672

38.5787, -9.9299,
14.2273

38.9962, -7.9931,
11.4455

■ 39.4516, -5.8755,
8.2198

■ 39.9452, -3.5807,
4.5521

■ 40.4773, -1.1136,
0.4487

■ 41.0476, 1.5198,
-4.0813

Harmonies

Analogous

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



37.2723, 0.4091, 22.0962



37.2715, -15.8659, 21.0393



37.2723, -26.3615, 16.0308

Triad

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



37.2723, -15.8669, 21.0395



37.2723, -19.2660, -36.3852



37.2723, 38.7149, -0.2970

Complementary

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



37.2715, -15.8659, 21.0393



16.0700, 22.2619, -46.2681

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.



37.2723, 30.8917, -21.1597



37.2715, -15.8659, 21.0393



37.2723, -4.3314, -47.3266

Square

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



37.2723, -15.8669, 21.0395



37.2723, -28.0498, -15.2965



37.2723, 14.2691, -40.7420



37.2723, 34.0592, 13.6855

Rectangle

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



37.2715, -15.8659, 21.0393



37.2723, -29.7518, 9.0690



37.2723, 14.2691, -40.7420



37.2723, 37.4239, -6.7257

Sweetspot

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



37.2723, -15.8669, 21.0395



51.8188, -9.9727, 14.2434



23.5458, 18.6110, 12.2232



25.3166, -5.2704, 7.5506



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.2723, -15.8669, 21.0395



48.8629, -23.3369, 29.2352



35.1253, -24.4152, 19.4661



19.6895, -2.1345, 2.8406



39.4745, -19.6205, 23.9805



87.8657, -44.7264, 53.3594

Inverse Universe

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



16.0700, 22.2619, -46.2681



17.0894, 36.9313, -82.2533



20.2347, 30.4764, -31.9168



18.2664, 0.1616, -0.9271



12.7384, 32.4315, -74.0665



27.8081, 71.8484, -169.8278

Previews

White Background



This preview shows how the HunterLab color 37.2715, -15.8659, 21.0393 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 37.2715, -15.8659, 21.0393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

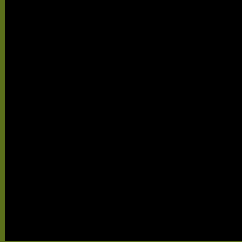
Any Text WCAG AA × Fail

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 37.2715, -15.8659, 21.0393 Background



This preview shows how black text looks on a background with the HunterLab color 37.2715, -15.8659, 21.0393.



This preview shows how white text looks on a background with the HunterLab color 37.2715,

-15.8659, 21.0393.

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

37.2715, -15.8659, 21.0393

Protanopia

37.0847, -4.9152, 21.2950

Deuteranopia

37.1205, 2.0828, 20.6118



Tritanopia

37.1513, -1.6581, -2.0690

Trichromacy



Original Color

37.2715, -15.8659, 21.0393

Protanomaly

37.1189, -9.0381, 21.1532

Deuteranomaly

37.0305, -5.0305, 20.6544

Tritanomaly

36.9675, -8.1485, 9.8337

Monochromacy



Original Color

37.2715, -15.8659, 21.0393

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

35.1246, -8.0836, 11.4396

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2715, -15.8659, 21.0393 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(91, 112, 27)` looks like.

```
.text, #text, p{  
    color:rgb(91, 112, 27)  
}
```

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(91, 112, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 112, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2715, -15.8659, 21.0393 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(91, 112, 27) }
```


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

```
.border{ border-color:rgb(91, 112, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 112, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 112, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 112, 27);  
box-shadow:4px 4px 4px 4px rgb(91, 112,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2715, -15.8659, 21.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 112, 27) }
```

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

```
.background{ background-color: rgb(91, 112,  
27) }
```

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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