

Converting Colors

HunterLab(30.6429, -15.7890,
15.6774)

Have a look what the booklet for
HunterLab(30.6429, -15.7890,
15.6774) contains.

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Color

**HunterLab(30.6429,
-15.7890, 15.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	405F22
RGB	64, 95, 34
RGB Percent	25%, 37%, 13%
CMY	0.7490, 0.6274, 0.8667
CMYK	0.33, 0.00, 0.64, 0.63
HSL	90°, 47%, 25%
HSV	90°, 64%, 37%
XYZ	6.4953, 9.3899, 2.9835
YIQ	78.7770, 1.1050, -25.5430

Conversions

Conversions Part 2

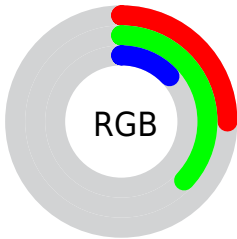
Format	Color
R_{YB}	34, 95, 65
Decimal	4218658
CIE _{Lab}	36.73, -22.84, 30.61
CIE _{LCh}	37, 38.192, 126.732
Yxy	9.3903, 0.3442, 0.4976
Android (android.graphics.Color)	4282408738 (0xFF405F22)
YUV	78.7770, -22.0751, -12.9594
Hunter-Lab	30.6429, -15.7890, 15.6774

Details

The HunterLab color $[30.6429, -15.7890, 15.6774]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[17.5909, 18.1056, -25.3359]$, and the grayscale version is $[27.9589, -1.4918, 1.5191]$.

A 20% lighter version of the original color is $[49.7285, -19.8888, 21.0129]$, and $[14.9750, -10.6340, 9.0414]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.3116, -17.2625, 16.6313]$, and if you desaturate by 10%, it is $[31.0191, -14.1182, 14.4053]$.

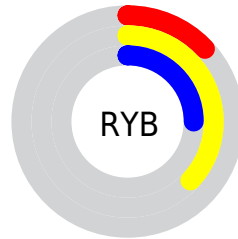
Distribution



Red (25%)

Green (37%)

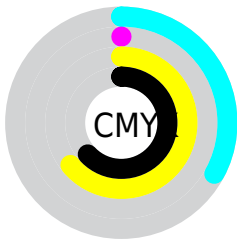
Blue (13%)



Red (13%)

Yellow (37%)

Blue (25%)

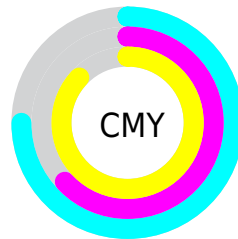


Cyan (33%)

Magenta (0%)

Yellow (64%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6429, -15.7890, 15.6774 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 30.6429, -15.7890, 15.6774 by changing the saturation by 10% instead.

■ 30.6429, -15.7890,
15.6774

■ 30.6429, -15.7890,
15.6774

■ 136.4783,
-32.1347, 36.3864

■ 22.3531, -13.6271,
12.7658

■ 49.6409, -19.7528,
20.9080

■ 14.9842, -11.2582,
10.4890

■ 60.2239, -21.6210,
23.3212

■ 8.6285, -11.9959,
6.0400

■ 71.4676, -23.4400,
25.6403

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.3351, -25.2222,
27.8859

0.0000, NaN, NaN

■ 95.7953, -26.9766,
30.0729

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.8211,

-28.7102, 32.2129

0.0000, NaN, NaN

122.3891,
-30.4282, 34.3150

30.6429, -15.7890,
15.6774

30.6429, -15.7890,
15.6774

30.3116, -17.2625,
16.6313

31.0191, -14.1182,
14.4053

30.0218, -18.5382,
17.2821

31.4390, -12.2500,
12.8056

29.7703, -19.6353,
17.6859

31.9036, -10.1902,
10.8759

29.6352, -20.2290,
17.9070

32.4129, -7.9457,
8.6181

32.9667, -5.5257,
6.0383

■ 33.5645, -2.9402,
3.1461

■ 34.2054, -0.2003,
-0.0467

■ 34.8886, 2.6825,
-3.5260

■ 35.6131, 5.6965,
-7.2765

Harmonies

Analogous

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



30.6436, -4.6489, 17.5351



30.6429, -15.7890, 15.6774



30.6436, -22.1894, 9.9734

Triad

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



30.6436, -15.7897, 15.6776



30.6436, -11.3188, -31.2153



30.6436, 28.9791, 4.4491

Complementary

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



30.6429, -15.7890, 15.6774



17.5909, 18.1056, -25.3359

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.



30.6436, 26.3507, -9.9068



30.6429, -15.7890, 15.6774



30.6436, 1.4966, -34.8616

Square

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



30.6436, -15.7897, 15.6776



30.6436, -19.9409, -17.3045



30.6436, 15.6673, -25.7983



30.6436, 22.3259, 13.1469

Rectangle

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



30.6429, -15.7890, 15.6774



30.6436, -23.6598, 3.0558



30.6436, 15.6673, -25.7983



30.6436, 29.1672, 0.2121

Sweetspot

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



30.6436, -15.7897, 15.6776



42.7475, -8.9548, 9.7615



25.0443, 5.1383, 11.9390



20.8582, -4.6770, 5.0891



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.6436, -15.7897, 15.6776



39.4688, -23.4699, 22.2449



29.3946, -20.8293, 14.6953



17.0597, -2.1392, 2.3278



35.2842, -24.3038, 21.3165



81.2321, -57.4983, 49.0483

Inverse Universe

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



17.5909, 18.1056, -25.3359



19.4716, 29.5558, -43.9454



20.9844, 25.8607, -17.2077



16.0363, 0.4167, -0.6308



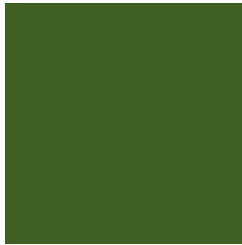
14.2999, 32.7008, -54.4163



32.2461, 74.6768, -129.9699

Previews

White Background



This preview shows how the HunterLab color 30.6429, -15.7890, 15.6774 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.6429, -15.7890, 15.6774 Background



This preview shows how black text looks on a background with the HunterLab color 30.6429, -15.7890, 15.6774.



This preview shows how white text looks on a background with the HunterLab color 30.6429,

-15.7890, 15.6774.

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

30.6429, -15.7890, 15.6774

Protanopia

30.4083, -3.8331, 16.0060

Deuteranopia

30.4964, 1.8296, 15.2587



Tritanopia

30.6688, -4.5978, -2.5763

Trichromacy



Original Color

30.6429, -15.7890, 15.6774

Protanomaly

30.2314, -8.6035, 15.6560

Deuteranomaly

30.2888, -5.5262, 15.1409

Tritanomaly

30.4390, -9.4657, 6.3128

Monochromacy



Original Color

30.6429, -15.7890, 15.6774

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.8301, -7.2998, 7.9660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6429, -15.7890, 15.6774 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(64, 95, 34)` looks like.

```
.text, #text, p{  
    color:rgb(64, 95, 34)  
}
```

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(64, 95, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 95, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6429, -15.7890, 15.6774 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(64, 95, 34) }
```


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

```
.border{ border-color:rgb(64, 95, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 95, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 95, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 95, 34);  
box-shadow:4px 4px 4px 4px rgb(64, 95, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.6429, -15.7890, 15.6774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 95, 34) }
```

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

```
.background{ background-color: rgb(64, 95,  
34) }
```

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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