

Converting Colors

HunterLab(35.6805, -15.9389,
20.0832)

Have a look what the booklet for
HunterLab(35.6805, -15.9389,
20.0832) contains.

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Color

**HunterLab(35.6805,
-15.9389, 20.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	556C1A
RGB	85, 108, 26
RGB Percent	33%, 42%, 10%
CMY	0.6667, 0.5765, 0.8980
CMYK	0.21, 0.00, 0.76, 0.58
HSL	77°, 61%, 26%
HSV	77°, 76%, 42%
XYZ	9.2953, 12.7310, 2.9447
YIQ	91.7750, 12.6140, -30.3780

Conversions

Conversions Part 2

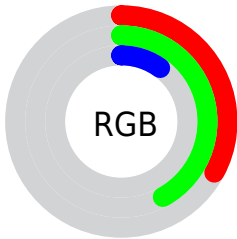
Format	Color
R_{YB}	26, 108, 49
Decimal	5598234
CIE _{Lab}	42.36, -21.17, 40.58
CIE _{LCh}	42, 45.769, 117.550
Yxy	12.7316, 0.3722, 0.5098
Android (android.graphics.Color)	4283788314 (0xFF556C1A)
YUV	91.7750, -32.4271, -5.9417
Hunter-Lab	35.6805, -15.9389, 20.0832

Details

The HunterLab color $[35.6805, -15.9389, 20.0832]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[15.7315, 21.7517, -43.3988]$, and the grayscale version is $[32.7447, -1.7472, 1.7791]$.

A 20% lighter version of the original color is $[55.6613, -19.8265, 26.6679]$, and $[19.0395, -11.0173, 11.5392]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.4305, -17.0261, 20.7651]$, and if you desaturate by 10%, it is $[35.9641, -14.6892, 19.0449]$.

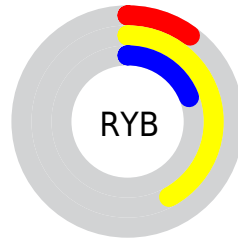
Distribution



Red (33%)

Green (42%)

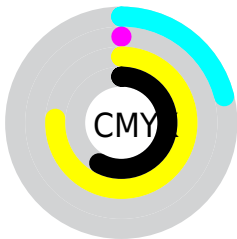
Blue (10%)



Red (10%)

Yellow (42%)

Blue (19%)

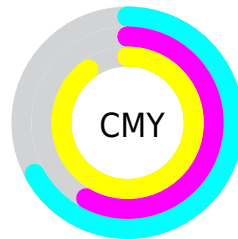


Cyan (21%)

Magenta (0%)

Yellow (76%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6805, -15.9389, 20.0832 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 35.6805, -15.9389, 20.0832 by changing the saturation by 10% instead.

■ 35.6805, -15.9389,
20.0832

■ 35.6805, -15.9389,
20.0832

144.6340,
-31.2972, 45.6340

■ 26.9146, -13.9855,
16.4906

■ 55.5164, -19.5892,
26.5880

■ 19.0135, -11.8880,
13.3094

■ 66.4763, -21.3316,
29.5888

■ 12.0859, -9.5808,
8.4601

■ 78.0753, -23.0386,
32.4652

■ 5.1070, -8.9373,
3.5749

■ 90.2801, -24.7194,
35.2402

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.0619,
-26.3809, 37.9319

0.0000, NaN, NaN

■ 116.3957,

0.0000, NaN, NaN

-28.0285, 40.5542

0.0000, NaN, NaN

130.2596,
-29.6662, 43.1186

35.6805, -15.9389,
20.0832

35.6805, -15.9389,
20.0832

35.4305, -17.0261,
20.7651

35.9641, -14.6892,
19.0449

35.2066, -17.9762,
21.1665

36.2808, -13.2665,
17.6239

35.1183, -18.3515,
21.3185

36.6329, -11.6674,
15.8025

37.0213, -9.8903,
13.5692

37.4469, -7.9359,
10.9180

■ 37.9101, -5.8067,
7.8481

■ 38.4110, -3.5069,
4.3624

■ 38.9498, -1.0421,
0.4677

■ 39.5262, 1.5813,
-3.8263

Harmonies

Analogous

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



35.6813, -0.4822, 21.2374



35.6805, -15.9389, 20.0832



35.6813, -25.7289, 15.0272

Triad

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



35.6813, -15.9399, 20.0834



35.6813, -17.9619, -36.0706



35.6813, 37.4751, 0.5722

Complementary

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



35.6805, -15.9389, 20.0832



15.7315, 21.7517, -43.3988

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.



35.6813, 30.4809, -19.3765



35.6805, -15.9389, 20.0832



35.6813, -3.3073, -45.9003

Square

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



35.6813, -15.9399, 20.0834



35.6813, -26.7317, -15.8710



35.6813, 14.7010, -38.6802



35.6813, 32.3733, 13.6372

Rectangle

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



35.6805, -15.9389, 20.0832



35.6813, -28.7803, 8.0763



35.6813, 14.7010, -38.6802



35.6813, 36.4356, -5.5211

Sweetspot

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



35.6813, -15.9399, 20.0834



49.7526, -9.8864, 13.5797



23.1649, 16.6583, 12.0640



24.3951, -5.2419, 7.2133



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



35.6813, -15.9399, 20.0834



46.7197, -23.5101, 27.9097



33.7064, -23.8359, 18.6331



18.8228, -2.0771, 2.6875



38.3349, -20.1137, 23.2697



86.2722, -46.4377, 52.3475

Inverse Universe

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



15.7315, 21.7517, -43.3988



16.7866, 35.8100, -77.0031



19.8471, 29.8758, -29.6320



17.4999, 0.1874, -0.8508



12.7012, 31.9186, -70.6091



27.9886, 71.4415, -164.1613

Previews

White Background



This preview shows how the HunterLab color 35.6805, -15.9389, 20.0832 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 35.6805, -15.9389, 20.0832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

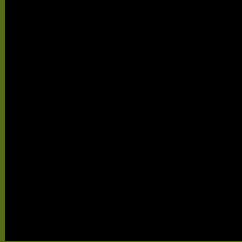
Any Text WCAG AA × Fail

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 35.6805, -15.9389, 20.0832 Background



This preview shows how black text looks on a background with the HunterLab color 35.6805, -15.9389, 20.0832.



This preview shows how white text looks on a background with the HunterLab color 35.6805,

-15.9389, 20.0832.

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

35.6805, -15.9389, 20.0832

Protanopia

35.5317, -4.8898, 20.3669

Deuteranopia

35.5650, 2.0563, 19.6729



Tritanopia

35.7647, -2.5467, -1.9912

Trichromacy



Original Color

35.6805, -15.9389, 20.0832

Protanomaly

35.4901, -9.2710, 20.1701

Deuteranomaly

35.3880, -5.3246, 19.6548

Tritanomaly

35.6220, -8.8418, 9.4834

Monochromacy



Original Color

35.6805, -15.9389, 20.0832

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.5806, -8.1039, 10.8945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6805, -15.9389, 20.0832 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(85, 108, 26)` looks like.

```
.text, #text, p{  
    color:rgb(85, 108, 26)  
}
```

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(85, 108, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 108, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6805, -15.9389, 20.0832 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(85, 108, 26) }
```


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

```
.border{ border-color:rgb(85, 108, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 108, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 108, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 108, 26);  
box-shadow:4px 4px 4px 4px rgb(85, 108,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6805, -15.9389, 20.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 108, 26) }
```

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

```
.background{ background-color: rgb(85, 108,  
26) }
```

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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