

Converting Colors

Hex(60AB16)

Have a look what the booklet for
Hex(60AB16) contains.

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Color

Hex(60AB16)

Conversions

Conversions Part 1

Format	Color
Hex	60AB16
RGB	96, 171, 22
RGB Percent	38%, 67%, 9%
CMY	0.6235, 0.3294, 0.9137
CMYK	0.44, 0.00, 0.87, 0.33
HSL	90°, 77%, 38%
HSV	90°, 87%, 67%
XYZ	19.5316, 31.6705, 5.8427
YIQ	131.5890, 3.1290, -62.2390

Conversions

Conversions Part 2

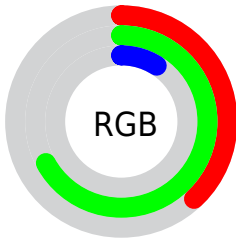
Format	Color
RYB	22, 171, 97
Decimal	6335254
CIELab	63.07, -45.76, 60.89
CIELCh	63, 76.170, 126.927
Yxy	31.6705, 0.3424, 0.5552
Android (android.graphics.Color)	4284525334 (0xFF60AB16)
YUV	131.5890, -54.0274, -31.2116
Hunter-Lab	56.2766, -36.5330, 33.2381

Details

The Hex color **60AB16** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6116AB**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **99E353**, and **237600** is the 20% darker color. If you saturate the color by 10%, you get **57AB05**, and if you desaturate by 10%, it is **69AB27**.

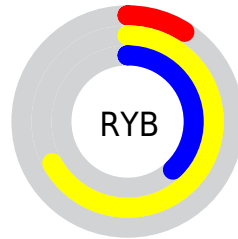
Distribution



Red (38%)

Green (67%)

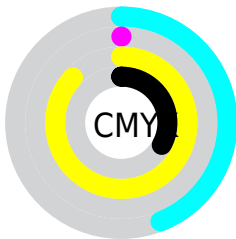
Blue (9%)



Red (9%)

Yellow (67%)

Blue (38%)

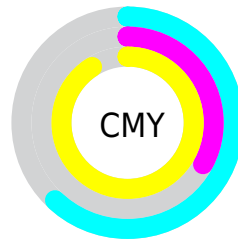


Cyan (44%)

Magenta (0%)

Yellow (87%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60AB16 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 Hex color 60AB16 by changing the saturation by 10% instead.



60AB16



60AB16

FFFFFF



439000



99E353



237600



B6FF6F



005D00



D3FF8A



004400



F1FFA6



002E00



FFFFC3



001300



FFFFE0



000000



FFFFFD



60AB16



60AB16

 57AB05

 69AB27

 55AB00

 71AB38

 7AAB49

 82AB5A

 8BAB6B

 94AB7D

 9CAB8E

 A5AB9F

 ADABB0

Harmonies

Analogous

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



A99B00



60AB16



00B460

Triad

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



60AB16



00AEFF



FF4D8C

Complementary

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



60AB16



6116AB

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.



F55DCF



60AB16



009CFF

Square

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



60AB16



00B6E9



AD7FFF



FF614B

Rectangle

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



60AB16



00B68F



AD7FFF



FF4EA3

Sweetspot

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



60AB16



C1DEA4



AB6016



5F704D



F0F0F0



707070

Same Dimension

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



60AB16



6EDE00



16AB16



52574E



4B9600



0B1700

Inverse Universe

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



6116AB



7000DE



AB16AB



524E57



4C0096



0C0017

Previews

White Background



This preview shows how the Hex color 60AB16 looks on a white background.

Color Contrast Check

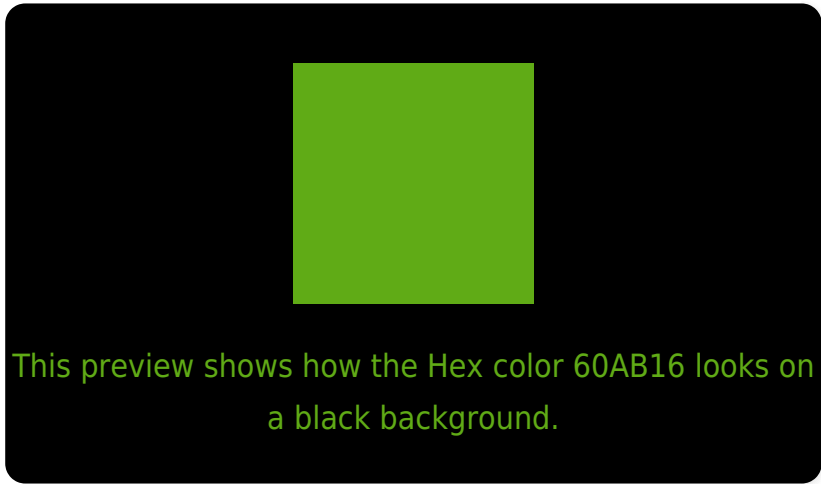
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 60AB16 Background



This preview shows how black text looks on a background with the Hex color 60AB16.

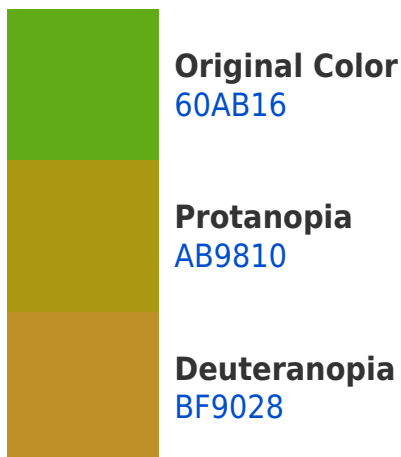


This preview shows how white text looks on a background with the Hex color 60AB16.

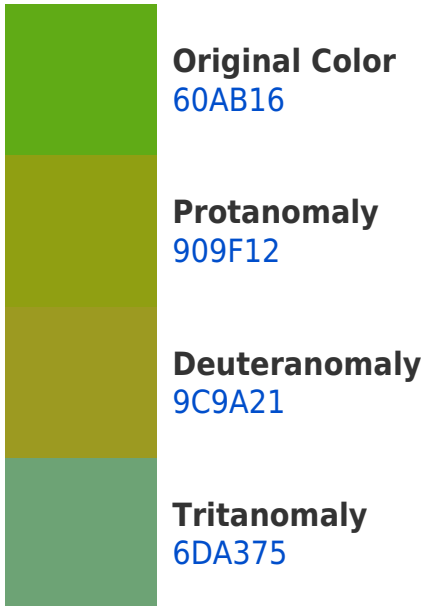
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60AB16 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 #60AB16 looks like.

```
.text, #text, p{  
    color:#60AB16  
}
```

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 #60AB16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AB16  
}
```

Border

The CSS property to change the border of an element to Hex 60AB16 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  
#60AB16 }
```

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

```
.border{ border-color:#60AB16 }
```

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

Here you see how a box with a 4 pixel #60AB16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AB16; -webkit-box-shadow:4px 4px  
4px 4px #60AB16; box-shadow:4px 4px 4px  
4px #60AB16 }
```

Background

The CSS property to change the background color of an element to Hex 60AB16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AB16 }
```

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

```
.background{ background-color:#60AB16 }
```

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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