

Converting Colors

Hex(60B815)

Have a look what the booklet for
Hex(60B815) contains.

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Color

Hex(60B815)

Conversions

Conversions Part 1

Format	Color
Hex	60B815
RGB	96, 184, 21
RGB Percent	38%, 72%, 8%
CMY	0.6235, 0.2784, 0.9176
CMYK	0.48, 0.00, 0.89, 0.28
HSL	92°, 80%, 40%
HSV	92°, 89%, 72%
XYZ	22.0997, 36.8219, 6.6520
YIQ	139.1060, -0.1250, -69.3490

Conversions

Conversions Part 2

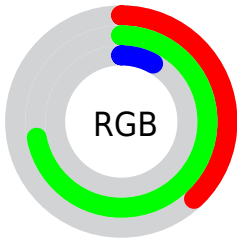
Format	Color
RYB	21, 184, 109
Decimal	6338581
CIELab	67.14, -50.92, 64.58
CIELCh	67, 82.239, 128.254
Yxy	36.8219, 0.3370, 0.5615
Android (android.graphics.Color)	4284528661 (0xFF60B815)
YUV	139.1060, -58.2263, -37.8040
Hunter-Lab	60.6811, -41.1831, 35.9772

Details

The Hex color **60B815** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6D15B8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9AF155**, and **1E8200** is the 20% darker color. If you saturate the color by 10%, you get **56B803**, and if you desaturate by 10%, it is **6AB827**.

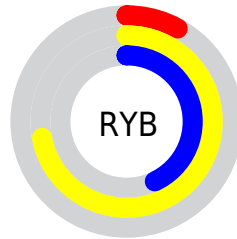
Distribution



Red (38%)

Green (72%)

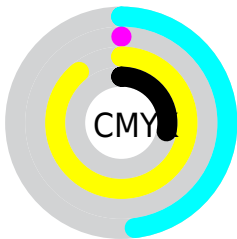
Blue (8%)



Red (8%)

Yellow (72%)

Blue (43%)

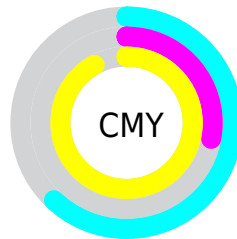


Cyan (48%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (62%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60B815 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 60B815 by changing the saturation by 10% instead.

 60B815

 60B815

FFFFFF

 429D00

 9AF155

 1E8200

 B7FF71

 006800

 D5FF8D

 004F00

 F3FFA9

 003700

 FFFFC6

 002100

 FFFF E3

 000000

 60B815

 60B815

 56B803

 6AB827

■ 55B800

■ 74B83A

■ 7EB84C

■ 88B85F

■ 92B871

■ 9CB883

■ A6B896

■ AFB8A8

■ B9B8BB

Harmonies

Analogous

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



B2A700



60B815



00C169

Triad

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



60B815



00BAFF



FF4E92

Complementary

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



60B815



6D15B8

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.



FF5FDC



60B815



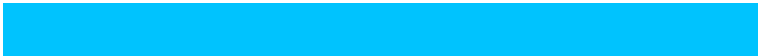
00A6FF

Square

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



60B815



00C3FE



BE85FF



FF684B

Rectangle

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



60B815



00C49D



BE85FF



FF4FAB

Sweetspot

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



60B815



CDF0AF



B86C15



637851



F7F7F7



787878

Same Dimension

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



60B815



6EF000



15B81A



575C53



489C00



0D1C00

Inverse Universe

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



6D15B8



8100F0



B815B3



58535C



54009C



0F001C

Previews

White Background



This preview shows how the Hex color 60B815 looks on a white background.

Color Contrast Check

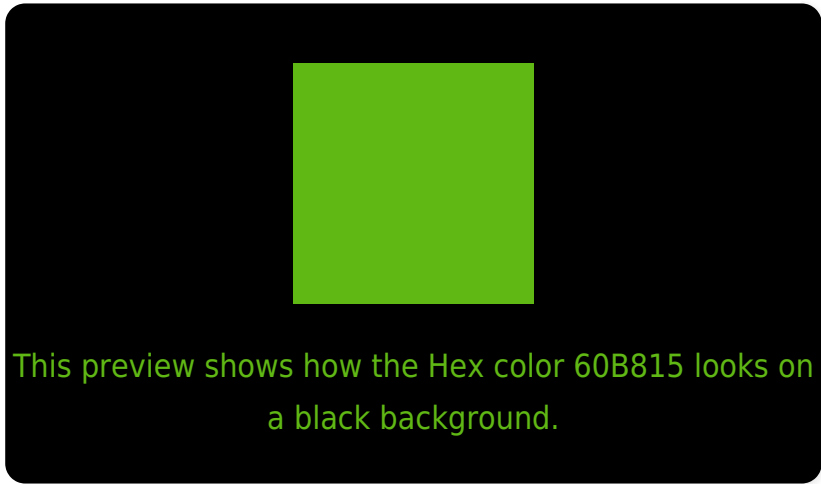
Large Text (above 18pt) WCAG AA × Fail

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 60B815 Background



This preview shows how black text looks on a background with the Hex color 60B815.

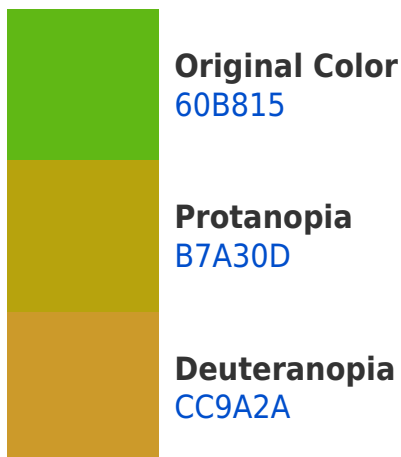


This preview shows how white text looks on a background with the Hex color 60B815.

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





Tritanopia
77ABB9

Trichromacy



Original Color
60B815



Protanomaly
97AB10



Deuteranomaly
A5A522



Tritanomaly
6FB07D

Monochromacy



Original Color
60B815



Achromatopsia
8B8B8B



Achromatomaly
7B9B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B815 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 #60B815 looks like.

```
.text, #text, p{  
    color:#60B815  
}
```

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 #60B815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B815
}
```

Border

The CSS property to change the border of an element to Hex 60B815 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
#60B815 }
```

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

```
.border{ border-color:#60B815 }
```

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

Here you see how a box with a 4 pixel #60B815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B815; -webkit-box-shadow:4px 4px  
4px 4px #60B815; box-shadow:4px 4px 4px  
4px #60B815 }
```

Background

The CSS property to change the background color of an element to Hex 60B815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B815 }
```

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

```
.background{ background-color:#60B815 }
```

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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