

Converting Colors

Hex(60B412)

Have a look what the booklet for
Hex(60B412) contains.

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Color

Hex(60B412)

Conversions

Conversions Part 1

Format	Color
Hex	60B412
RGB	96, 180, 18
RGB Percent	38%, 71%, 7%
CMY	0.6235, 0.2941, 0.9294
CMYK	0.47, 0.00, 0.90, 0.29
HSL	91°, 82%, 39%
HSV	91°, 90%, 71%
XYZ	21.2543, 35.1730, 6.2411
YIQ	136.4160, 1.9380, -68.1900

Conversions

Conversions Part 2

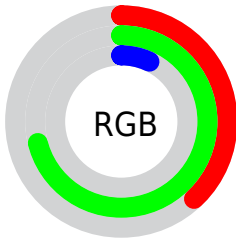
Format	Color
RYB	18, 180, 102
Decimal	6337554
CIELab	65.88, -49.46, 64.06
CIELCh	66, 80.934, 127.668
Yxy	35.1730, 0.3392, 0.5613
Android (android.graphics.Color)	4284527634 (0xFF60B412)
YUV	136.4160, -58.3791, -35.4448
Hunter-Lab	59.3068, -39.8163, 35.2754

Details

The Hex color **60B412** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6612B4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9AEC53**, and **207E00** is the 20% darker color. If you saturate the color by 10%, you get **57B400**, and if you desaturate by 10%, it is **69B424**.

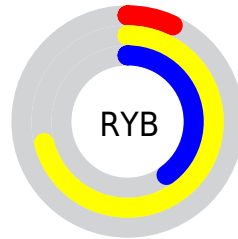
Distribution



Red (38%)

Green (71%)

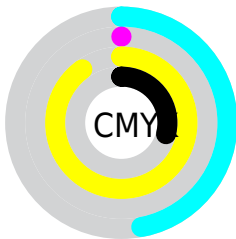
Blue (7%)



Red (7%)

Yellow (71%)

Blue (40%)

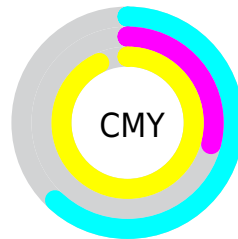


Cyan (47%)

Magenta (0%)

Yellow (90%)

Black (29%)



Cyan (62%)

Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60B412 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 60B412 by changing the saturation by 10% instead.



60B412



60B412

FFFFFF



429900



9AEC53



207E00



B7FF6F



006500



D4FF8B



004C00



F2FFA7



003400



FFFFC3



001D00



FFFFE1



000000

FFFFFFE



60B412



60B412

■ 57B400

■ 69B424

■ 73B436

■ 7CB448

■ 85B45A

■ 8FB46C

■ 98B47E

■ A1B490

■ ABB4A2

■ B4B4B4

Harmonies

Analogous

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



AFA300



60B412



00BD65

Triad

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



60B412



00B6FF



FF4D91

Complementary

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



60B412



6612B4

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.



FF5ED9



60B412



00A3FF

Square

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



60B412



00BFF8



B883FF



FF654B

Rectangle

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



60B412



00C098



B883FF



FF4EA9

Sweetspot

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



60B412



CAEBAB



B46612



627550



F5F5F5



757575

Same Dimension

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



60B412



71EB00



12B415



555950



4A9900



0C1A00

Inverse Universe

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



6612B4



7A00EB



B412B1



555059



4F0099



0D001A

Previews

White Background



This preview shows how the Hex color 60B412 looks on a white background.

Color Contrast Check

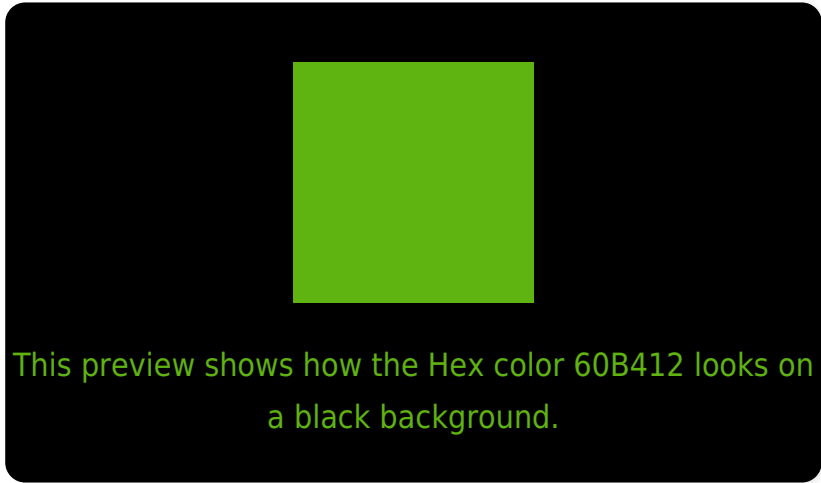
Large Text (above 18pt) WCAG AA × Fail

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 60B412 Background



This preview shows how black text looks on a background with the Hex color 60B412.

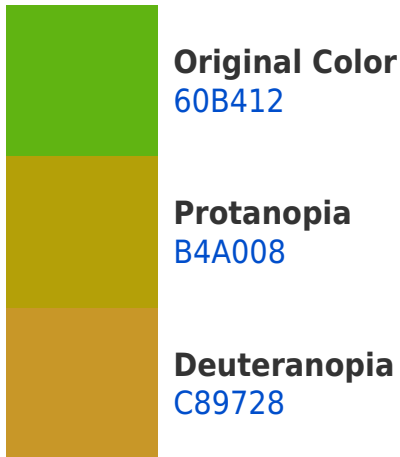


This preview shows how white text looks on a background with the Hex color 60B412.

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
77A7B5

Trichromacy



Original Color
60B412



Protanomaly
95A70C



Deuteranomaly
A2A220



Tritanomaly
6FAC7A

Monochromacy



Original Color
60B412



Achromatopsia
888888



Achromatomaly
79985D

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B412 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 #60B412 looks like.

```
.text, #text, p{  
    color:#60B412  
}
```

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 #60B412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B412
}
```

Border

The CSS property to change the border of an element to Hex 60B412 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
#60B412 }
```

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

```
.border{ border-color:#60B412 }
```

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

Here you see how a box with a 4 pixel #60B412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B412; -webkit-box-shadow:4px 4px  
4px 4px #60B412; box-shadow:4px 4px 4px  
4px #60B412 }
```

Background

The CSS property to change the background color of an element to Hex 60B412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B412 }
```

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

```
.background{ background-color:#60B412 }
```

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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