

Converting Colors

Hex(60AA11)

Have a look what the booklet for
Hex(60AA11) contains.

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Color

Hex(60AA11)

Conversions

Conversions Part 1

Format	Color
Hex	60AA11
RGB	96, 170, 17
RGB Percent	38%, 67%, 7%
CMY	0.6235, 0.3333, 0.9333
CMYK	0.44, 0.00, 0.90, 0.33
HSL	89°, 82%, 37%
HSV	89°, 90%, 67%
XYZ	19.2998, 31.2767, 5.5501
YIQ	130.4320, 5.0090, -63.2710

Conversions

Conversions Part 2

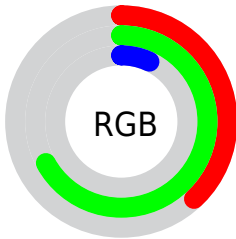
Format	Color
RYB	17, 170, 91
Decimal	6334993
CIELab	62.74, -45.52, 61.60
CIELCh	63, 76.595, 126.459
Yxy	31.2767, 0.3439, 0.5573
Android (android.graphics.Color)	4284525073 (0xFF60AA11)
YUV	130.4320, -55.9220, -30.1969
Hunter-Lab	55.9256, -36.2699, 33.2639

Details

The Hex color **60AA11** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5B11AA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **99E251**, and **237500** is the 20% darker color. If you saturate the color by 10%, you get **58AA00**, and if you desaturate by 10%, it is **68AA22**.

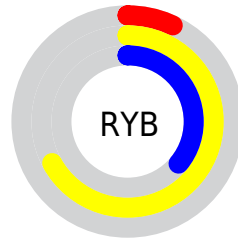
Distribution



Red (38%)

Green (67%)

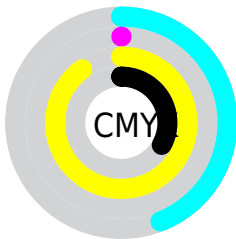
Blue (7%)



Red (7%)

Yellow (67%)

Blue (36%)

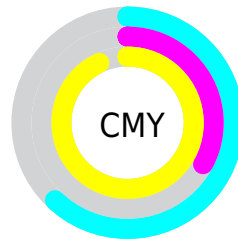


Cyan (44%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60AA11 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 60AA11 by changing the saturation by 10% instead.

 60AA11

 60AA11

FFFFFF

 438F00

 99E251

 237500

 B6FF6C

 005C00

 D3FF88

 004300

 F1FFA4

 002D00

 FFFFC0

 001100

 FFFFDD

 000000

 FFFFFA

 60AA11

 60AA11

■ 58AA00

■ 68AA22

■ 70AA33

■ 79AA44

■ 81AA55

■ 89AA66

■ 91AA77

■ 9AAA88

■ A2AA99

■ AAAAAA

Harmonies

Analogous

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



A99A00



60AA11



00B35E

Triad

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



60AA11



00ADFF



FF4B8C

Complementary

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



60AA11



5B11AA

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.



F35CD0



60AA11



009BFF

Square

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



60AA11



00B5E7



AA7EFF



FF604A

Rectangle

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



60AA11



00B68D



AA7EFF



FF4CA3

Sweetspot

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



60AA11



C1DEA2



AA5B11



5F704C



F0F0F0



707070

Same Dimension

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



60AA11



73DE00



14AA11



50544C



4C9400



0B1400

Inverse Universe

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



5B11AA



6B00DE



A711AA



504C54



480094



0A0014

Previews

White Background



This preview shows how the Hex color 60AA11 looks on a white background.

Color Contrast Check

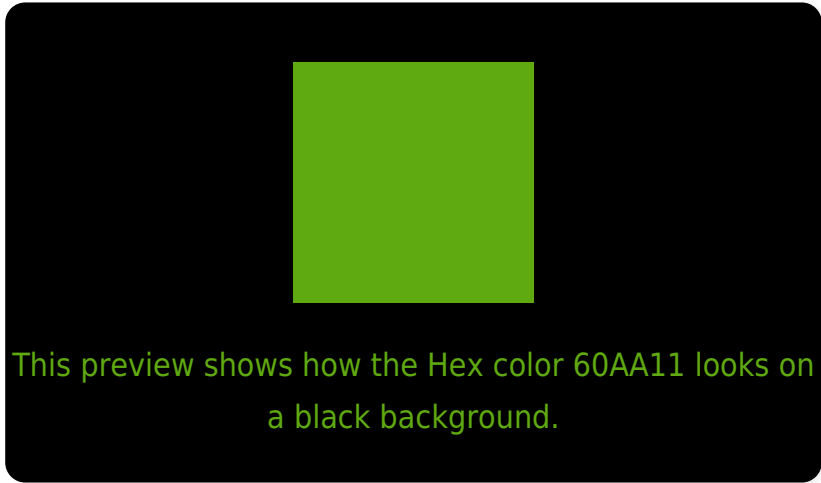
Large Text (above 18pt) WCAG AA × Fail

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 60AA11 Background



This preview shows how black text looks on a background with the Hex color 60AA11.

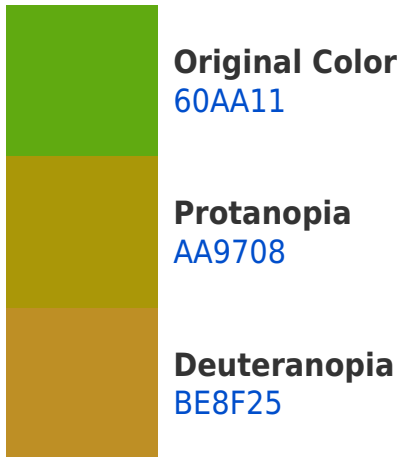


This preview shows how white text looks on a background with the Hex color 60AA11.

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
749EAB

Trichromacy



Original Color
60AA11

Protanomaly
8F9E0B

Deuteranomaly
9C991E

Tritanomaly
6DA273

Monochromacy



Original Color
60AA11

Achromatopsia
828282

Achromatomaly
769159

CSS Examples

Text

The CSS property to change the color of the text to Hex 60AA11 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 #60AA11 looks like.

```
.text, #text, p{  
    color:#60AA11  
}
```

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 #60AA11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AA11
}
```

Border

The CSS property to change the border of an element to Hex 60AA11 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
#60AA11 }
```

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

```
.border{ border-color:#60AA11 }
```

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

Here you see how a box with a 4 pixel #60AA11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AA11; -webkit-box-shadow:4px 4px  
4px 4px #60AA11; box-shadow:4px 4px 4px  
4px #60AA11 }
```

Background

The CSS property to change the background color of an element to Hex 60AA11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AA11 }
```

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

```
.background{ background-color:#60AA11 }
```

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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