

Converting Colors

Hex(65AA00)

Have a look what the booklet for
Hex(65AA00) contains.

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Color

Hex(65AA00)

Conversions

Conversions Part 1

Format	Color
Hex	65AA00
RGB	101, 170, 0
RGB Percent	40%, 67%, 0%
CMY	0.6039, 0.3333, 1.0000
CMYK	0.41, 0.00, 1.00, 0.33
HSL	84°, 100%, 33%
HSV	84°, 100%, 67%
XYZ	19.7416, 31.5162, 5.0427
YIQ	129.9890, 13.4460, -67.4980

Conversions

Conversions Part 2

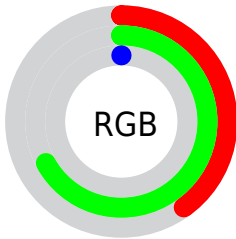
Format	Color
RYB	0, 170, 69
Decimal	6662656
CIELab	62.94, -44.15, 64.28
CIElCh	63, 77.986, 124.485
Yxy	31.5162, 0.3506, 0.5598
Android (android.graphics.Color)	4284852736 (0xFF65AA00)
YUV	129.9890, -64.0846, -25.4234
Hunter-Lab	56.1392, -35.4736, 33.9717

Details

The Hex color **65AA00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4500AA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9EE24B**, and **2A7500** is the 20% darker color. If you saturate the color by 10%, you get **65AA00**, and if you desaturate by 10%, it is **6CAA11**.

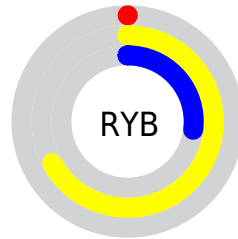
Distribution



Red (40%)

Green (67%)

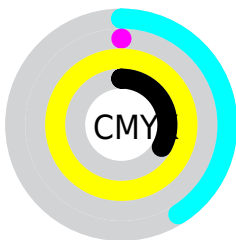
Blue (0%)



Red (0%)

Yellow (67%)

Blue (27%)

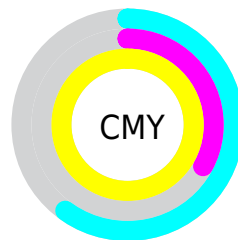


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65AA00 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 65AA00 by changing the saturation by 10% instead.

 65AA00

 65AA00

FFFFFF

 488F00

 9EE24B

 2A7500

 BBFF67

 005C00

 D8FF83

 004400

 F6FF9F

 002D00

 FFFFBB

 001200

 FFFFD8

 000000

 FFFFF5

 65AA00

 6CAA11

 73AA22

 7AAA33

 81AA44

 87AA55

 8EAA66

 95AA77

 9CAA88

 A3AA99

Harmonies

Analogous

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



AE9900



65AA00



00B359

Triad

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



65AA00



00AFFF



FF4891

Complementary

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



65AA00



4500AA

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.



F25DD5



65AA00



009EFF

Square

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



65AA00



00B6E5



A481FF



FF5C4E

Rectangle

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



65AA00



00B689



A481FF



FF4BA8

Sweetspot

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



65AA00



C3DE9B



AA4400



607048



F0F0F0



707070

Same Dimension

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



65AA00



84DE00



11AA00



51544C



589400



0C1400

Inverse Universe

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



4500AA



5A00DE



9900AA



4F4C54



3C0094



080014

Previews

White Background



This preview shows how the Hex color 65AA00 looks on a white background.

Color Contrast Check

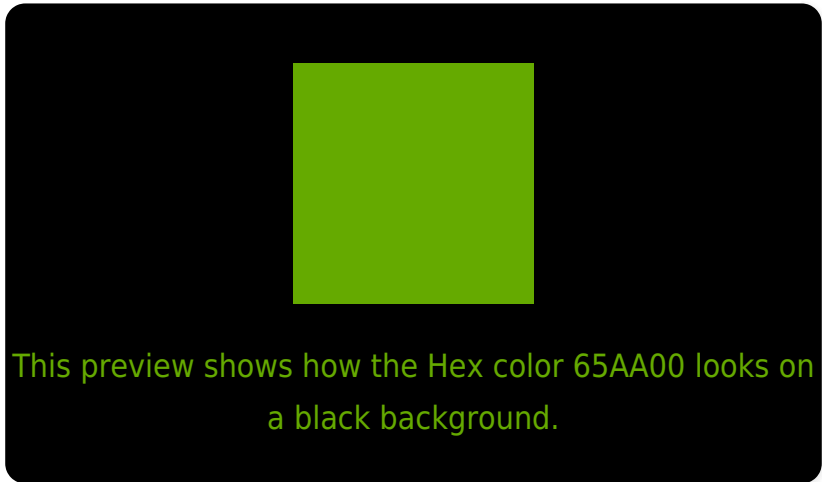
Large Text (above 18pt) WCAG AA × Fail

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 65AA00 Background



This preview shows how black text looks on a background with the Hex color 65AA00.



This preview shows how white text looks on a background with the Hex color 65AA00.

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
65AA00

Protanopia
AB9800

Deuteranopia
BF9022



Tritanopia
789EAB

Trichromacy



Original Color
65AA00



Protanomaly
929F00



Deuteranomaly
9E9916



Tritanomaly
71A26D

Monochromacy



Original Color
65AA00



Achromatopsia
828282



Achromatomaly
779153

CSS Examples

Text

The CSS property to change the color of the text to Hex 65AA00 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 #65AA00 looks like.

```
.text, #text, p{  
    color:#65AA00  
}
```

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 #65AA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65AA00
}
```

Border

The CSS property to change the border of an element to Hex 65AA00 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
#65AA00 }
```

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

```
.border{ border-color:#65AA00 }
```

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

Here you see how a box with a 4 pixel #65AA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65AA00; -webkit-box-shadow:4px 4px  
4px 4px #65AA00; box-shadow:4px 4px 4px  
4px #65AA00 }
```

Background

The CSS property to change the background color of an element to Hex 65AA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65AA00 }
```

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

```
.background{ background-color:#65AA00 }
```

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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