

Converting Colors

Hex(65DA00)

Have a look what the booklet for
Hex(65DA00) contains.

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Color

Hex(65DA00)

Conversions

Conversions Part 1

Format	Color
Hex	65DA00
RGB	101, 218, 0
RGB Percent	40%, 85%, 0%
CMY	0.6039, 0.1451, 1.0000
CMYK	0.54, 0.00, 1.00, 0.15
HSL	92°, 100%, 43%
HSV	92°, 100%, 85%
XYZ	30.4382, 52.9095, 8.6083
YIQ	158.1650, 0.2460, -92.6020

Conversions

Conversions Part 2

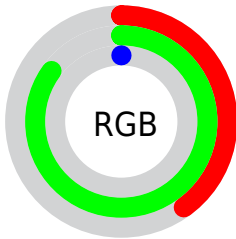
Format	Color
RYB	0, 218, 117
Decimal	6674944
CIELab	77.82, -62.32, 75.92
CIELCh	78, 98.225, 129.381
Yxy	52.9095, 0.3310, 0.5754
Android (android.graphics.Color)	4284865024 (0xFF65DA00)
YUV	158.1650, -77.9753, -50.1337
Hunter-Lab	72.7389, -52.5982, 43.9006

Details

The Hex color **65DA00** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7500DA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A3FF55**, and **15A200** is the 20% darker color. If you saturate the color by 10%, you get **65DA00**, and if you desaturate by 10%, it is **71DA16**.

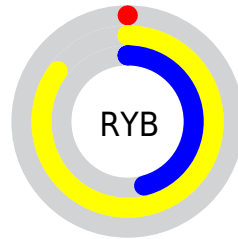
Distribution



Red (40%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (46%)

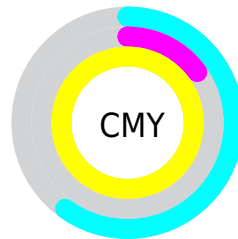


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (60%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65DA00 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 65DA00 by changing the saturation by 10% instead.

 65DA00

 65DA00

FFFFFF

 43BE00

 A3FF55

 15A200

 C1FF73

 008700

 E0FF90

 006C00

 FFFFAD

 005300

 FFFFCA

 003B00

 FFFF E8

 002200

 000000

 65DA00

 71DA16

 7CDA2C

 88DA41

 94DA57

 9FDA6D

 ABDA83

 B7DA99

 C3DAAE

 CEDAC4

Harmonies

Analogous

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



CDC600



65DA00



00E47C

Triad

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



65DA00



00DCFF



FF51A8

Complementary

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



65DA00



7500DA

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.



FF67FF



65DA00



00C3FF

Square

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



65DA00



00E6FF



E599FF



FF7650

Rectangle

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



65DA00



00E8BC



E599FF



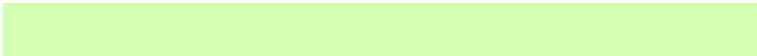
FF51C6

Sweetspot

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



65DA00



D6FFB3



DA7400



678052



000000



808080

Same Dimension

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



65DA00



76FF00



00DA07



686E63



50AD00



152E00

Inverse Universe

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



7500DA



8900FF



DA00D3



69636E



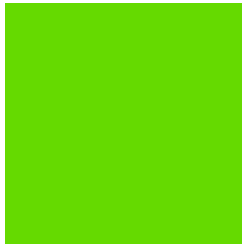
5D00AD



19002E

Previews

White Background



This preview shows how the Hex color 65DA00 looks on a white background.

Color Contrast Check

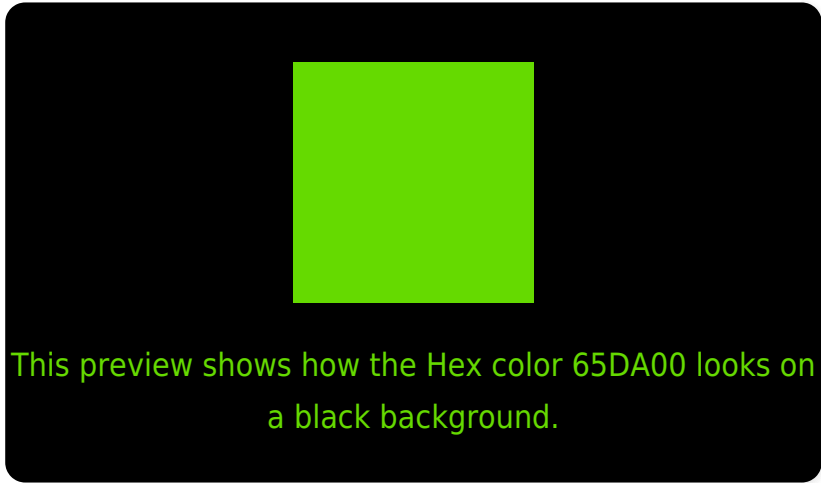
Large Text (above 18pt) WCAG AA × Fail

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 65DA00 Background



This preview shows how black text looks on a background with the Hex color 65DA00.

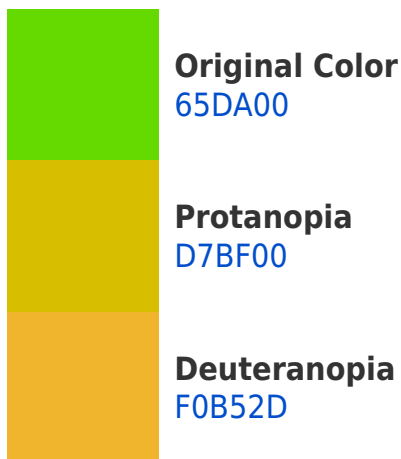


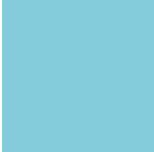
This preview shows how white text looks on a background with the Hex color 65DA00.

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
84CBDB

Trichromacy



Original Color
65DA00



Protanomaly
AEC900



Deuteranomaly
BDC21D



Tritanomaly
79D08B

Monochromacy



Original Color
65DA00



Achromatopsia
9E9E9E



Achromatomaly
89B465

CSS Examples

Text

The CSS property to change the color of the text to Hex 65DA00 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 #65DA00 looks like.

```
.text, #text, p{  
    color:#65DA00  
}
```

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 #65DA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65DA00
}
```

Border

The CSS property to change the border of an element to Hex 65DA00 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
#65DA00 }
```

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

```
.border{ border-color:#65DA00 }
```

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

Here you see how a box with a 4 pixel #65DA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65DA00; -webkit-box-shadow:4px 4px  
4px 4px #65DA00; box-shadow:4px 4px 4px  
4px #65DA00 }
```

Background

The CSS property to change the background color of an element to Hex 65DA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65DA00 }
```

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

```
.background{ background-color:#65DA00 }
```

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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