

Converting Colors

Hex(66CB29)

Have a look what the booklet for
Hex(66CB29) contains.

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Color

Hex(66CB29)

Conversions

Conversions Part 1

Format	Color
Hex	66CB29
RGB	102, 203, 41
RGB Percent	40%, 80%, 16%
CMY	0.6000, 0.2039, 0.8392
CMYK	0.50, 0.00, 0.80, 0.20
HSL	97°, 66%, 48%
HSV	97°, 80%, 80%
XYZ	27.2357, 45.6967, 9.4827
YIQ	154.3330, -8.1940, -71.7940

Conversions

Conversions Part 2

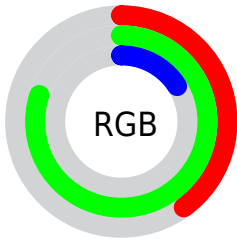
Format	Color
RYB	41, 203, 142
Decimal	6736681
CIELab	73.35, -55.48, 65.40
CIELCh	73, 85.763, 130.312
Yxy	45.6967, 0.3305, 0.5545
Android (android.graphics.Color)	4284926761 (0xFF66CB29)
YUV	154.3330, -55.8732, -45.8960
Hunter-Lab	67.5994, -46.3816, 39.0025

Details

The Hex color **66CB29** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8E29CB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A1FF64**, and **229400** is the 20% darker color. If you saturate the color by 10%, you get **59CB15**, and if you desaturate by 10%, it is **73CB3D**.

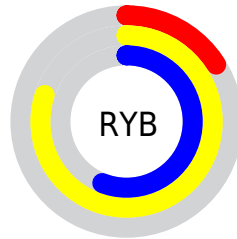
Distribution



Red (40%)

Green (80%)

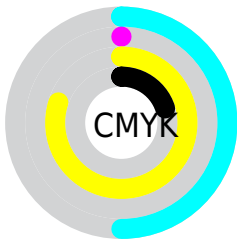
Blue (16%)



Red (16%)

Yellow (80%)

Blue (56%)

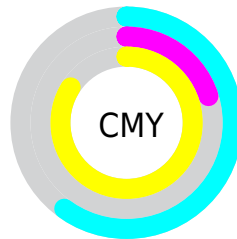


Cyan (50%)

Magenta (0%)

Yellow (80%)

Black (20%)



Cyan (60%)

Magenta (20%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66CB29 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 66CB29 by changing the saturation by 10% instead.



66CB29



66CB29

FFFFFF



47AF00



A1FF64



229400



BFFF80



007900



DFFF9C



006000



FBFFB9



004700



FFFFD6



003000



FFFFF3



001400



000000



66CB29



66CB29

 59CB15

 73CB3D

 4DCB00

 7FCB52

 4CCB00

 8CCB66

 99CB7A

 A5CB8F

 B2CBA3

 BFCBB7

 CBCBCB

 D8CBE0

Harmonies

Analogous

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



BFB900



66CB29



00D47C

Triad

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



66CB29



00CBFF



FF5D9C

Complementary

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



66CB29



8E29CB

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.



FF6BEB



66CB29



00B5FF

Square

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



66CB29



00D5FF



D892FF



FF7851

Rectangle

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



66CB29



00D7B3



D892FF



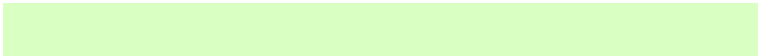
FF5DB7

Sweetspot

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



66CB29



D9FFC2



CB8D29



68805B



000000



808080

Same Dimension

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



66CB29



66FF0A



29CB3C



60665C



3EA600



0E2600

Inverse Universe

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



8E29CB



A30AFF



CB29B8



625C66



6700A6



180026

Previews

White Background



This preview shows how the Hex color 66CB29 looks on a white background.

Color Contrast Check

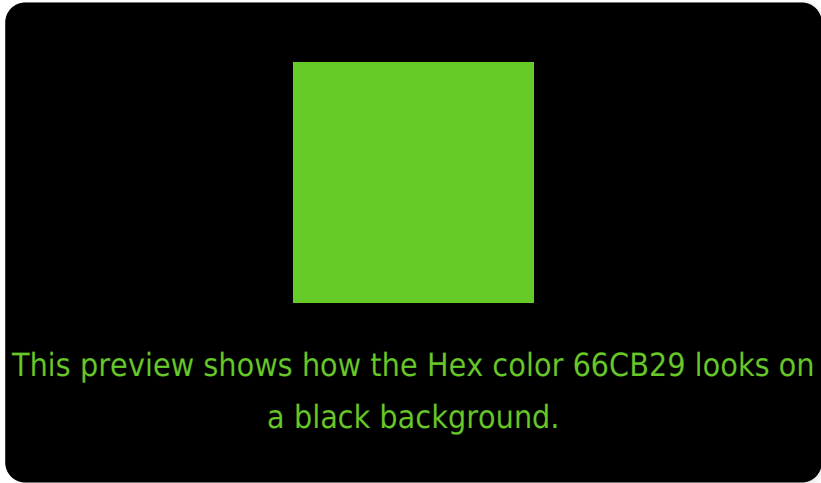
Large Text (above 18pt) WCAG AA × Fail

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 66CB29 Background



This preview shows how black text looks on a background with the Hex color 66CB29.

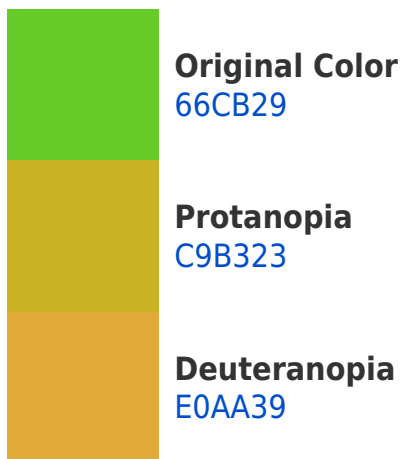


This preview shows how white text looks on a background with the Hex color 66CB29.

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



Trichromacy



Original Color
66CB29



Protanomaly
A5BC25



Deuteranomaly
B4B633



Tritanomaly
77C291

Monochromacy



Original Color
66CB29



Achromatopsia
9A9A9A



Achromatomaly
87AC71

CSS Examples

Text

The CSS property to change the color of the text to Hex 66CB29 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 #66CB29 looks like.

```
.text, #text, p{  
    color:#66CB29  
}
```

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 #66CB29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CB29
}
```

Border

The CSS property to change the border of an element to Hex 66CB29 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
#66CB29 }
```

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

```
.border{ border-color:#66CB29 }
```

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

Here you see how a box with a 4 pixel #66CB29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CB29; -webkit-box-shadow:4px 4px  
4px 4px #66CB29; box-shadow:4px 4px 4px  
4px #66CB29 }
```

Background

The CSS property to change the background color of an element to Hex 66CB29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CB29 }
```

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

```
.background{ background-color:#66CB29 }
```

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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