

Converting Colors

Hex(5DD209)

Have a look what the booklet for
Hex(5DD209) contains.

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Color

Hex(5DD209)

Conversions

Conversions Part 1

Format	Color
Hex	5DD209
RGB	93, 210, 9
RGB Percent	36%, 82%, 4%
CMY	0.6353, 0.1765, 0.9647
CMYK	0.56, 0.00, 0.96, 0.18
HSL	95°, 92%, 43%
HSV	95°, 96%, 82%
XYZ	27.6101, 48.4401, 8.1531
YIQ	152.1030, -5.2110, -87.3150

Conversions

Conversions Part 2

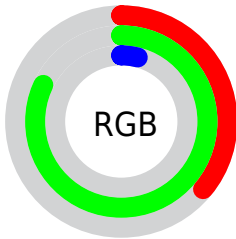
Format	Color
RYB	9, 210, 126
Decimal	6148617
CIELab	75.10, -61.54, 72.77
CIELCh	75, 95.305, 130.218
Yxy	48.4401, 0.3279, 0.5753
Android (android.graphics.Color)	4284338697 (0xFF5DD209)
YUV	152.1030, -70.5498, -51.8333
Hunter-Lab	69.5989, -50.9866, 41.7737

Details

The Hex color **5DD209** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **7E09D2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9BFF56**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **58D200**, and if you desaturate by 10%, it is **69D21E**.

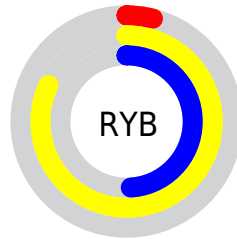
Distribution



Red (36%)

Green (82%)

Blue (4%)



Red (4%)

Yellow (82%)

Blue (49%)

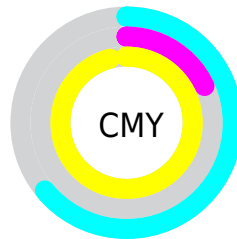


Cyan (56%)

Magenta (0%)

Yellow (96%)

Black (18%)



Cyan (64%)

Magenta (18%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD209 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 5DD209 by changing the saturation by 10% instead.

 5DD209

 5DD209

FFFFFF

 3BB600

 9BFF56

 009A00

 B9FF73

 007F00

 D7FF90

 006500

 F6FFAC

 004C00

 FFFFCA

 003500

 FFFF E7

 001A00

 000000

 5DD209

 5DD209

■ 58D200

■ 69D21E

■ 75D233

■ 82D248

■ 8ED25D

■ 9AD272

■ A6D287

■ B3D29C

■ BFD2B1

■ CBD2C6

Harmonies

Analogous

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



C3BF00



5DD209



00DC79

Triad

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



5DD209



00D3FF



FF4E9F

Complementary

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



5DD209



7E09D2

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.



FF61F6



5DD209



00BAFF

Square

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



5DD209



00DDFF



DF92FF



FF734A

Rectangle

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



5DD209



00DFB7



DF92FF



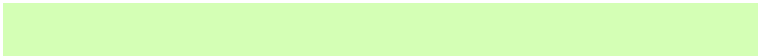
FF4DBC

Sweetspot

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



5DD209



D4FFB5



D27B09



668053



000000



808080

Same Dimension

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



5DD209



6BFF00



09D216



62695E



46A800



112900

Inverse Universe

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



7E09D2



9400FF



D209C5



645E69



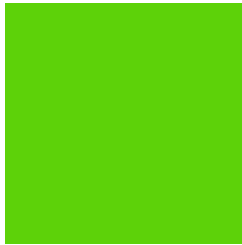
6200A8



180029

Previews

White Background



This preview shows how the Hex color 5DD209 looks on a white background.

Color Contrast Check

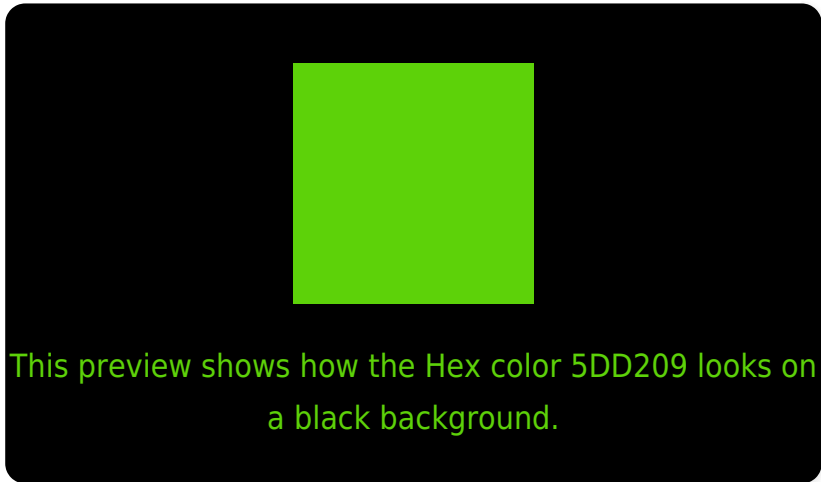
Large Text (above 18pt) WCAG AA × Fail

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 5DD209 Background



This preview shows how black text looks on a background with the Hex color 5DD209.

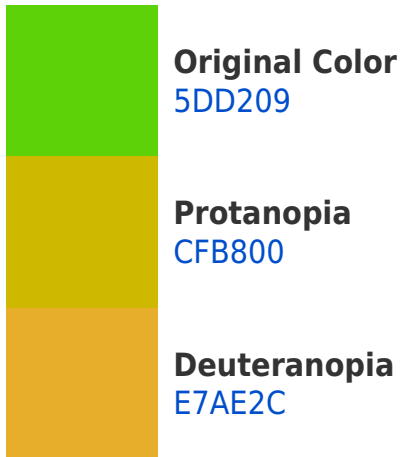


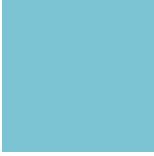
This preview shows how white text looks on a background with the Hex color 5DD209.

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](#).

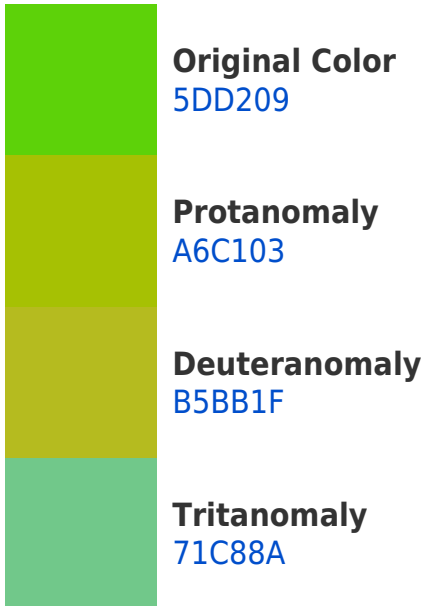
Dichromacy



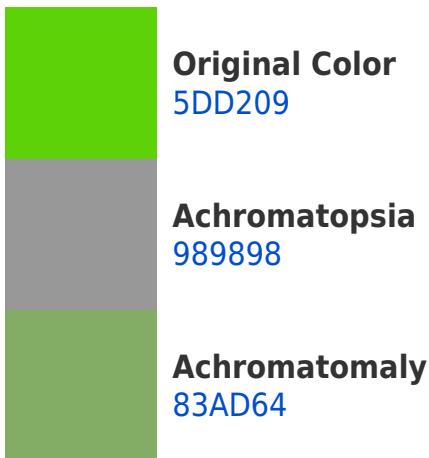


Tritanopia
7CC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD209 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 #5DD209 looks like.

```
.text, #text, p{  
    color:#5DD209  
}
```

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 #5DD209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD209
}
```

Border

The CSS property to change the border of an element to Hex 5DD209 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
#5DD209 }
```

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

```
.border{ border-color:#5DD209 }
```

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

Here you see how a box with a 4 pixel #5DD209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD209; -webkit-box-shadow:4px 4px  
4px 4px #5DD209; box-shadow:4px 4px 4px  
4px #5DD209 }
```

Background

The CSS property to change the background color of an element to Hex 5DD209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD209 }
```

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

```
.background{ background-color:#5DD209 }
```

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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