

Converting Colors

Hex(5DD612)

Have a look what the booklet for
Hex(5DD612) contains.

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Color

Hex(5DD612)

Conversions

Conversions Part 1

Format	Color
Hex	5DD612
RGB	93, 214, 18
RGB Percent	36%, 84%, 7%
CMY	0.6353, 0.1608, 0.9294
CMYK	0.57, 0.00, 0.92, 0.16
HSL	97°, 84%, 45%
HSV	97°, 92%, 84%
XYZ	28.6699, 50.4640, 8.8017
YIQ	155.4770, -9.2000, -86.6080

Conversions

Conversions Part 2

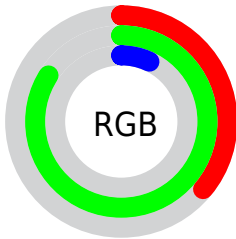
Format	Color
RYB	18, 214, 139
Decimal	6149650
CIELab	76.35, -62.75, 72.75
CIELCh	76, 96.075, 130.778
Yxy	50.4640, 0.3260, 0.5739
Android (android.graphics.Color)	4284339730 (0xFF5DD612)
YUV	155.4770, -67.7762, -54.7923
Hunter-Lab	71.0380, -52.2764, 42.3805

Details

The Hex color **5DD612** 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 **8B12D6**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9BFF59**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **52D600**, and if you desaturate by 10%, it is **6AD627**.

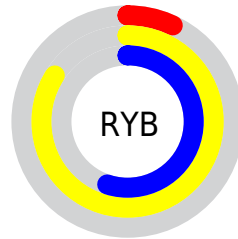
Distribution



Red (36%)

Green (84%)

Blue (7%)



Red (7%)

Yellow (84%)

Blue (55%)

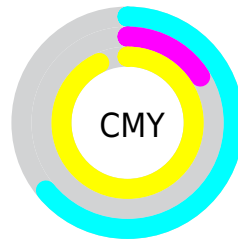


Cyan (57%)

Magenta (0%)

Yellow (92%)

Black (16%)



Cyan (64%)

Magenta (16%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD612 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 5DD612 by changing the saturation by 10% instead.

 5DD612

 5DD612

FFFFFF

 3ABA00

 9BFF59

 009E00

 BAFF77

 008300

 D8FF93

 006900

 F7FFB0

 004F00

 FFFFCD

 003700

 FFFFEB

 001E00

 000000

 5DD612

 5DD612

 52D600

 6AD627

 77D63D

 85D652

 92D668

 9FD67D

 ACD692

 B9D6A8

 C7D6BD

 D4D6D3

Harmonies

Analogous

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



C5C300



5DD612



00E07E

Triad

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



5DD612



00D6FF



FF51A0

Complementary

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



5DD612



8B12D6

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.



FF63F9



5DD612



00BDFE

Square

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



5DD612



00E1FF



E694FF



FF764B

Rectangle

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



5DD612



00E3BC



E694FF



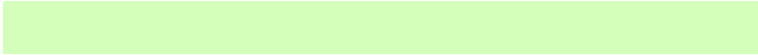
FF50BE

Sweetspot

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



5DD612



D4FFBA



D68B12



668057



000000



808080

Same Dimension

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



5DD612



62FF00



12D629



646B60



41AB00



112B00

Inverse Universe

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



8B12D6



9D00FF



D612BF



67606B



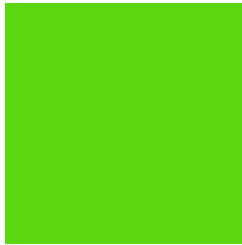
6900AB



1B002B

Previews

White Background



This preview shows how the Hex color 5DD612 looks on a white background.

Color Contrast Check

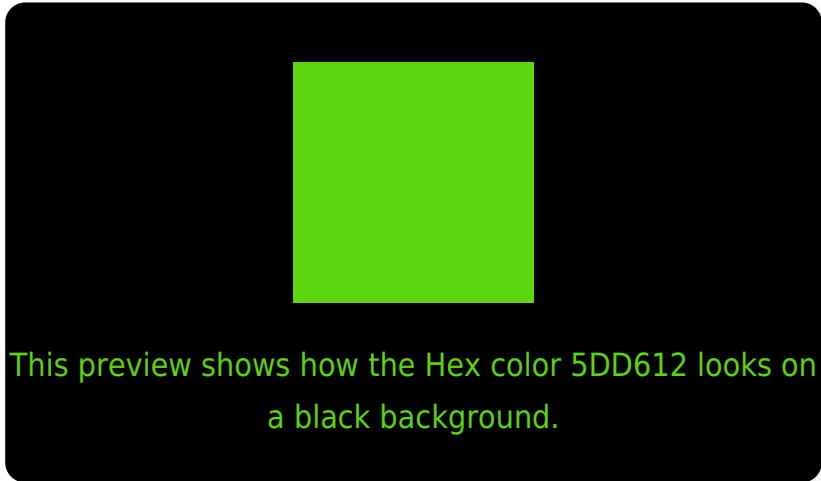
Large Text (above 18pt) WCAG AA × Fail

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

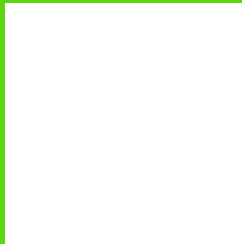
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DD612 Background



This preview shows how black text looks on a background with the Hex color 5DD612.

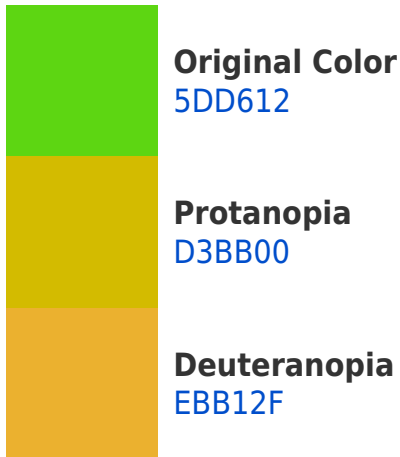


This preview shows how white text looks on a background with the Hex color 5DD612.

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
7DC7D7

Trichromacy



Original Color
5DD612



Protanomaly
A8C507



Deuteranomaly
B7BE24



Tritanomaly
71CC8F

Monochromacy



Original Color
5DD612



Achromatopsia
9B9B9B



Achromatomaly
84B069

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD612 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 #5DD612 looks like.

```
.text, #text, p{  
    color:#5DD612  
}
```

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 #5DD612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD612
}
```

Border

The CSS property to change the border of an element to Hex 5DD612 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
#5DD612 }
```

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

```
.border{ border-color:#5DD612 }
```

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

Here you see how a box with a 4 pixel #5DD612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD612; -webkit-box-shadow:4px 4px  
4px 4px #5DD612; box-shadow:4px 4px 4px  
4px #5DD612 }
```

Background

The CSS property to change the background color of an element to Hex 5DD612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD612 }
```

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

```
.background{ background-color:#5DD612 }
```

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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