

Converting Colors

Hex(5CD727)

Have a look what the booklet for
Hex(5CD727) contains.

Hex(5CD727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5CD727)

Conversions

Conversions Part 1

Format	Color
Hex	5CD727
RGB	92, 215, 39
RGB Percent	36%, 84%, 15%
CMY	0.6392, 0.1569, 0.8471
CMYK	0.57, 0.00, 0.82, 0.16
HSL	102°, 69%, 50%
HSV	102°, 82%, 84%
XYZ	29.0803, 51.0227, 10.2351
YIQ	158.1590, -16.8120, -80.8120

Conversions

Conversions Part 2

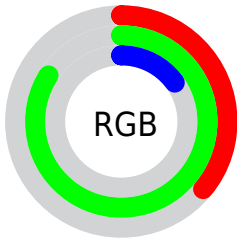
Format	Color
RYB	39, 215, 162
Decimal	6084391
CIELab	76.69, -62.62, 68.88
CIELCh	77, 93.089, 132.275
Yxy	51.0227, 0.3219, 0.5648
Android (android.graphics.Color)	4284274471 (0xFF5CD727)
YUV	158.1590, -58.7454, -58.0214
Hunter-Lab	71.4302, -52.3328, 41.5055

Details

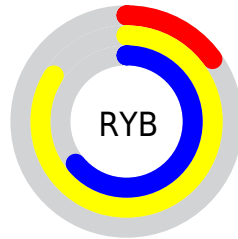
The Hex color **5CD727** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **A227D7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9AFF65**, and **009F00** is the 20% darker color. If you saturate the color by 10%, you get **4DD711**, and if you desaturate by 10%, it is **6BD73D**.

Distribution



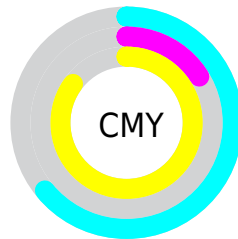
- Red (36%)
- Green (84%)
- Blue (15%)



- Red (15%)
- Yellow (84%)
- Blue (64%)



- Cyan (57%)
- Magenta (0%)
- Yellow (82%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CD727 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 5CD727 by changing the saturation by 10% instead.

 5CD727

 5CD727

FFFFFF

 39BB00

 9AFF65

 009F00

 B8FF81

 008400

 D7FF9D

 006A00

 F5FFBA

 005000

 FFFFD7

 003800

 FFFFF5

 001F00

 000000

 5CD727

 5CD727

 4DD711

 6BD73D

 41D700

 7AD752

 89D767

 98D77D

 A7D793

 B6D7A8

 C5D7BE

 D4D7D3

 E3D7E9

Harmonies

Analogous

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



C3C500



5CD727



00E085

Triad

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



5CD727



00D5FF



FF5A9E

Complementary

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



5CD727



A227D7

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.



FF68F4



5CD727



00BCFF

Square

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



5CD727



00E1FF



EC94FF



FF7D4C

Rectangle

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



5CD727



00E3C2



EC94FF



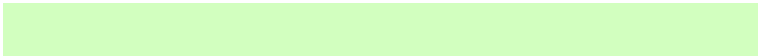
FF58BA

Sweetspot

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



5CD727



D2FFBF



D79F27



658059



000000



808080

Same Dimension

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



5CD727



50FF05



27D747



646B60



33AB00



0D2B00

Inverse Universe

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



A227D7



B405FF



D727B7



68606B



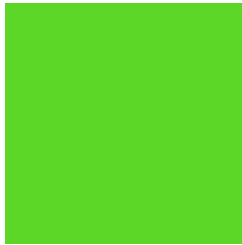
7700AB



1E002B

Previews

White Background



This preview shows how the Hex color 5CD727 looks on a white background.

Color Contrast Check

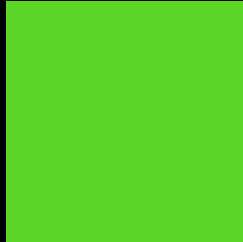
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5CD727 looks on a 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 5CD727 Background



This preview shows how black text looks on a background with the Hex color 5CD727.

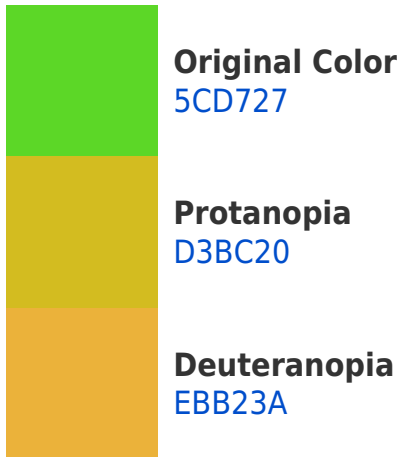


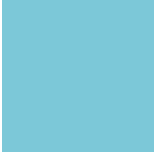
This preview shows how white text looks on a background with the Hex color 5CD727.

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
7CC8D8

Trichromacy



Original Color
5CD727



Protanomaly
A8C623



Deuteranomaly
B7BF33



Tritanomaly
70CD98

Monochromacy



Original Color
5CD727



Achromatopsia
9E9E9E



Achromatomaly
86B373

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CD727 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 #5CD727 looks like.

```
.text, #text, p{  
    color:#5CD727  
}
```

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 #5CD727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD727
}
```

Border

The CSS property to change the border of an element to Hex 5CD727 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
#5CD727 }
```

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

```
.border{ border-color:#5CD727 }
```

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

Here you see how a box with a 4 pixel #5CD727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD727; -webkit-box-shadow:4px 4px  
4px 4px #5CD727; box-shadow:4px 4px 4px  
4px #5CD727 }
```

Background

The CSS property to change the background color of an element to Hex 5CD727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD727 }
```

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

```
.background{ background-color:#5CD727 }
```

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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