

Converting Colors

Hex(5DD640)

Have a look what the booklet for
Hex(5DD640) contains.

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Color

Hex(5DD640)

Conversions

Conversions Part 1

Format	Color
Hex	5DD640
RGB	93, 214, 64
RGB Percent	36%, 84%, 25%
CMY	0.6353, 0.1608, 0.7490
CMYK	0.57, 0.00, 0.70, 0.16
HSL	108°, 65%, 55%
HSV	108°, 70%, 84%
XYZ	29.4862, 50.7905, 13.0999
YIQ	160.7210, -23.9660, -72.3020

Conversions

Conversions Part 2

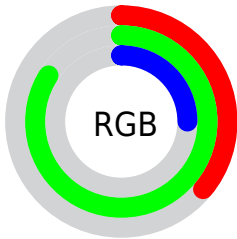
Format	Color
RYB	64, 214, 185
Decimal	6149696
CIELab	76.55, -60.45, 60.84
CIElCh	77, 85.766, 134.818
Yxy	50.7905, 0.3158, 0.5439
Android (android.graphics.Color)	4284339776 (0xFF5DD640)
YUV	160.7210, -47.6835, -59.3913
Hunter-Lab	71.2674, -50.8654, 38.9889

Details

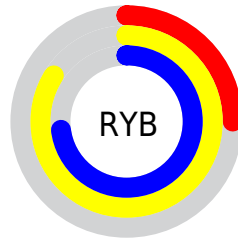
The Hex color **5DD640** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B940D6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9AFF78**, and **059E00** is the 20% darker color. If you saturate the color by 10%, you get **4CD62B**, and if you desaturate by 10%, it is **6ED655**.

Distribution



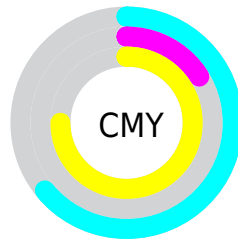
- Red (36%)
- Green (84%)
- Blue (25%)



- Red (25%)
- Yellow (84%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (70%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD640 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 5DD640 by changing the saturation by 10% instead.

 5DD640

 5DD640

FFFFFF

 3BBA21


 9AFF78

 059E00

 B8FF93

 008300

 D6FFAF

 006900

 F4FFCC

 004F00

 FFFFE9

 003800

 001F00

 000000

 5DD640

 5DD640

 4CD62B

 6ED655

 3AD615

 80D66B

 29D600

 91D680

 A2D696

 B3D6AB

 C5D6C0

 D6D6D6

 E7D6EB

 F8D6FF

Harmonies

Analogous

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



BDC500



5DD640



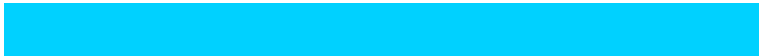
00DF90

Triad

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



5DD640



00D1FF



FF6A99

Complementary

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



5DD640



B940D6

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.



FF70E9



5DD640



54B9FF

Square

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



5DD640



00DEFF



F195FF



FF874F

Rectangle

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



5DD640



00E1C8



F195FF



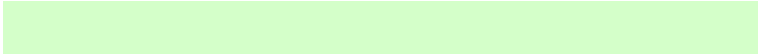
FF67B3

Sweetspot

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



5DD640



D4FFC9



D6B840



668060



000000



808080

Same Dimension

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



5DD640



52FF29



40D66D



626B60



21AB00



082B00

Inverse Universe

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



B940D6



D629FF



D640A9



69606B



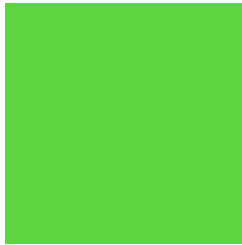
8A00AB



23002B

Previews

White Background



This preview shows how the Hex color 5DD640 looks on a white background.

Color Contrast Check

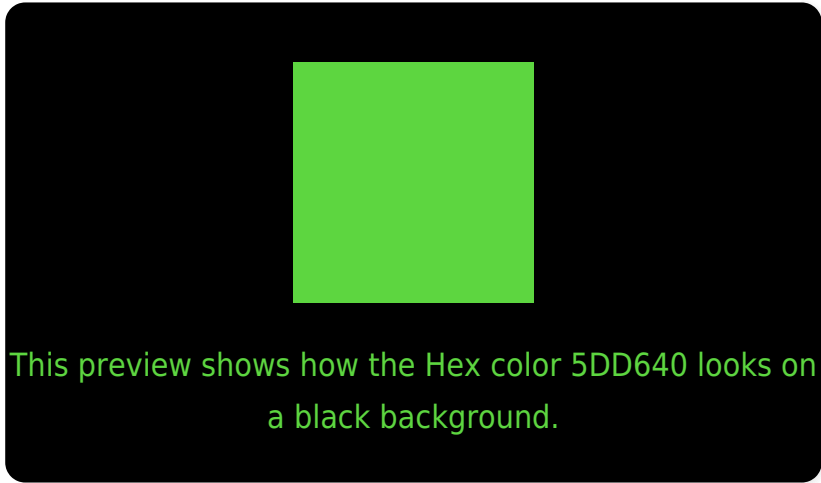
Large Text (above 18pt) WCAG AA × Fail

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 5DD640 Background



This preview shows how black text looks on a background with the Hex color 5DD640.

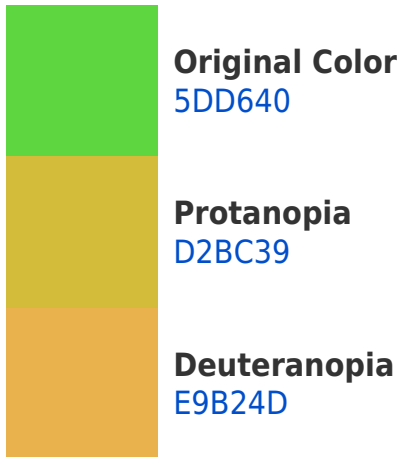


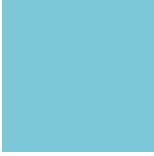
This preview shows how white text looks on a background with the Hex color 5DD640.

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
5DD640



Protanomaly
A7C53C



Deuteranomaly
B6BF48



Tritanomaly
71CDA1

Monochromacy



Original Color
5DD640



Achromatopsia
A1A1A1



Achromatomaly
88B47E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD640 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 #5DD640 looks like.

```
.text, #text, p{  
    color:#5DD640  
}
```

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 #5DD640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD640
}
```

Border

The CSS property to change the border of an element to Hex 5DD640 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
#5DD640 }
```

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

```
.border{ border-color:#5DD640 }
```

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

Here you see how a box with a 4 pixel #5DD640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD640; -webkit-box-shadow:4px 4px  
4px 4px #5DD640; box-shadow:4px 4px 4px  
4px #5DD640 }
```

Background

The CSS property to change the background color of an element to Hex 5DD640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD640 }
```

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

```
.background{ background-color:#5DD640 }
```

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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