

Converting Colors

Hex(5DD036)

Have a look what the booklet for
Hex(5DD036) contains.

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Color

Hex(5DD036)

Conversions

Conversions Part 1

Format	Color
Hex	5DD036
RGB	93, 208, 54
RGB Percent	36%, 82%, 21%
CMY	0.6353, 0.1843, 0.7882
CMYK	0.55, 0.00, 0.74, 0.18
HSL	105°, 62%, 51%
HSV	105°, 74%, 82%
XYZ	27.7359, 47.7052, 11.2362
YIQ	156.0590, -19.1060, -72.2740

Conversions

Conversions Part 2

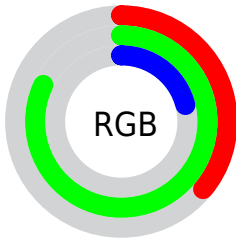
Format	Color
RYB	54, 208, 169
Decimal	6148150
CIELab	74.64, -59.04, 62.46
CIELCh	75, 85.950, 133.386
Yxy	47.7052, 0.3200, 0.5504
Android (android.graphics.Color)	4284338230 (0xFF5DD036)
YUV	156.0590, -50.3151, -55.3027
Hunter-Lab	69.0690, -49.1907, 38.7029

Details

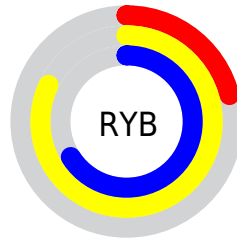
The Hex color **5DD036** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **A936D0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **99FF6F**, and **0A9800** is the 20% darker color. If you saturate the color by 10%, you get **4DD021**, and if you desaturate by 10%, it is **6DD04B**.

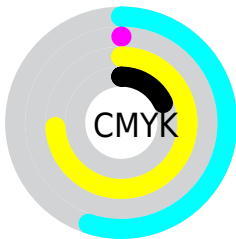
Distribution



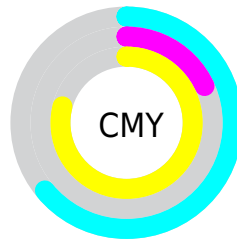
- Red (36%)
- Green (82%)
- Blue (21%)



- Red (21%)
- Yellow (82%)
- Blue (66%)



- Cyan (55%)
- Magenta (0%)
- Yellow (74%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD036 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 5DD036 by changing the saturation by 10% instead.

 5DD036

 5DD036

FFFFFF

 3CB412


 99FF6F

 0A9800

 B7FF8A

 007E00

 D5FFA6

 006400

 F4FFC3

 004A00

 FFFFEO

 003300

FFFFFFD

 001900

 000000

 5DD036

 5DD036

 4DD021

 6DD04B

 3ED00C

 7CD060

 35D000

 8CD074

 9BD089

 ABD09E

 BAD0B3

 CAD0C8

 D9D0DC

 E9D0F1

Harmonies

Analogous

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



BBBF00



5DD036



00D987

Triad

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



5DD036



00CFFF



FF6298

Complementary

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



5DD036



A936D0

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.



FF6BE7



5DD036



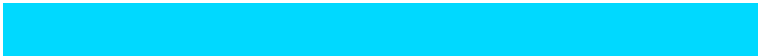
35B5FF

Square

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



5DD036



00D9FF



E791FF



FF804D

Rectangle

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



5DD036



00DBBF



E791FF



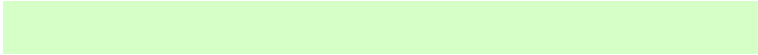
FF60B2

Sweetspot

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



5DD036



D5FFC7



D0A736



67805E



000000



808080

Same Dimension

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



5DD036



56FF1C



36D05A



61695E



2BA800



0A2900

Inverse Universe

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



A936D0



C61CFF



D036AC



665E69



7E00A8



1E0029

Previews

White Background



This preview shows how the Hex color 5DD036 looks on a white background.

Color Contrast Check

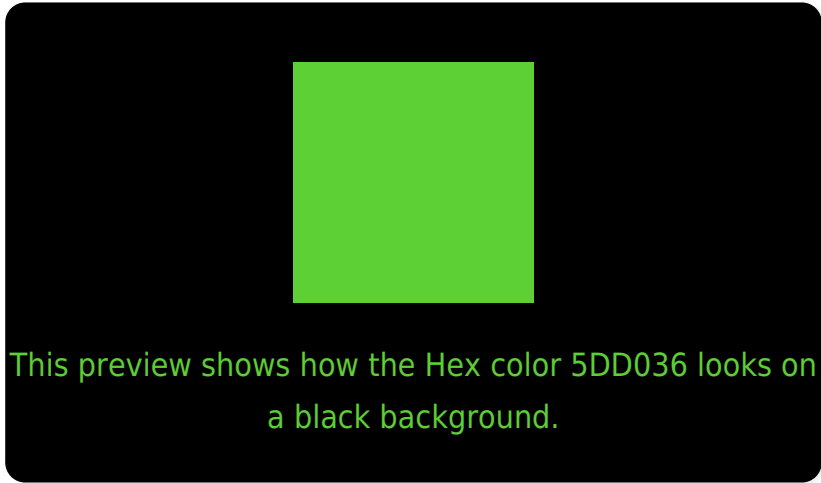
Large Text (above 18pt) WCAG AA × Fail

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 5DD036 Background



This preview shows how black text looks on a background with the Hex color 5DD036.

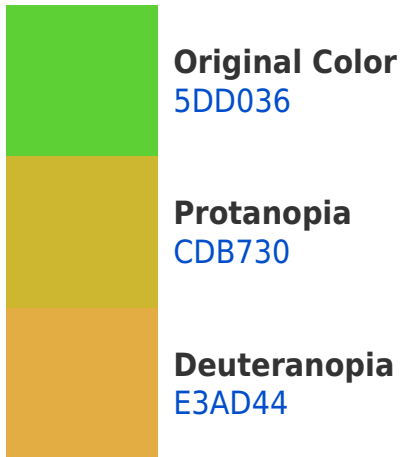


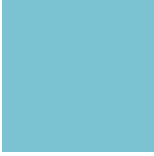
This preview shows how white text looks on a background with the Hex color 5DD036.

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
7BC2D2

Trichromacy



Original Color
5DD036



Protanomaly
A4C032



Deuteranomaly
B2BA3F



Tritanomaly
70C799

Monochromacy



Original Color
5DD036



Achromatopsia
9C9C9C



Achromatomaly
85AF77

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD036 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 #5DD036 looks like.

```
.text, #text, p{  
    color:#5DD036  
}
```

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 #5DD036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD036
}
```

Border

The CSS property to change the border of an element to Hex 5DD036 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
#5DD036 }
```

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

```
.border{ border-color:#5DD036 }
```

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

Here you see how a box with a 4 pixel #5DD036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD036; -webkit-box-shadow:4px 4px  
4px 4px #5DD036; box-shadow:4px 4px 4px  
4px #5DD036 }
```

Background

The CSS property to change the background color of an element to Hex 5DD036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD036 }
```

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

```
.background{ background-color:#5DD036 }
```

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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