

Converting Colors

Hex(56CC35)

Have a look what the booklet for
Hex(56CC35) contains.

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Color

Hex(56CC35)

Conversions

Conversions Part 1

Format	Color
Hex	56CC35
RGB	86, 204, 53
RGB Percent	34%, 80%, 21%
CMY	0.6627, 0.2000, 0.7922
CMYK	0.58, 0.00, 0.74, 0.20
HSL	107°, 60%, 50%
HSV	107°, 74%, 80%
XYZ	26.0732, 45.4212, 10.7611
YIQ	151.5040, -21.8570, -71.9770

Conversions

Conversions Part 2

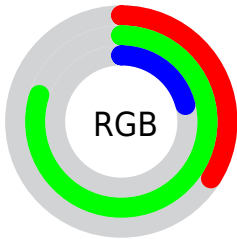
Format	Color
RYB	53, 204, 171
Decimal	5688373
CIELab	73.17, -59.47, 61.27
CIELCh	73, 85.383, 134.145
Yxy	45.4212, 0.3170, 0.5522
Android (android.graphics.Color)	4283878453 (0xFF56CC35)
YUV	151.5040, -48.5625, -57.4470
Hunter-Lab	67.3953, -48.8854, 37.7097

Details

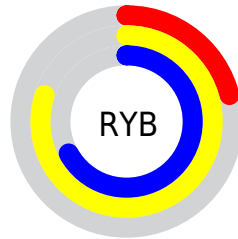
The Hex color **56CC35** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **AB35CC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **93FF6D**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **46CC21**, and if you desaturate by 10%, it is **66CC49**.

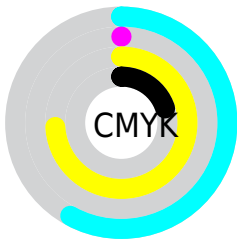
Distribution



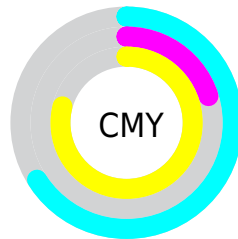
- Red (34%)
- Green (80%)
- Blue (21%)



- Red (21%)
- Yellow (80%)
- Blue (67%)



- Cyan (58%)
- Magenta (0%)
- Yellow (74%)
- Black (20%)



- Cyan (66%)
- Magenta (20%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56CC35 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 56CC35 by changing the saturation by 10% instead.

 56CC35

 56CC35

FFFFFF

 33B012

 93FF6D

 009500

 B1FF89

 007A00

 CFFFA5

 006000

 EDFFC1

 004700

 FFFFDE

 003000

FFFFFFC

 001300

 000000

 56CC35

 56CC35

 46CC21

 66CC49

 36CC0C

 76CC5E

 2DCC00

 86CC72

 96CC87

 A6CC9B

 B6CCAF

 C6CCC4

 D6CCD8

 E5CCED

Harmonies

Analogous

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



B5BC00



56CC35



00D486

Triad

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



56CC35



00C8FF



FF5F92

Complementary

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



56CC35



AB35CC

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.



FF67E0



56CC35



3BB0FF

Square

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



56CC35



00D4FF



E58CFF



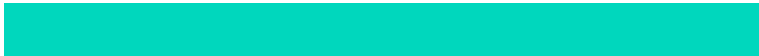
FF7D48

Rectangle

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



56CC35



00D7BD



E58CFF



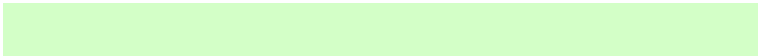
FF5CAC

Sweetspot

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



56CC35



D3FFC7



CCA935



66805E



000000



808080

Same Dimension

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



56CC35



4EFF1C



35CC5D



5E665C



24A600



082600

Inverse Universe

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



AB35CC



CD1CFF



CC35A4



645C66



8200A6



1E0026

Previews

White Background



This preview shows how the Hex color 56CC35 looks on a white background.

Color Contrast Check

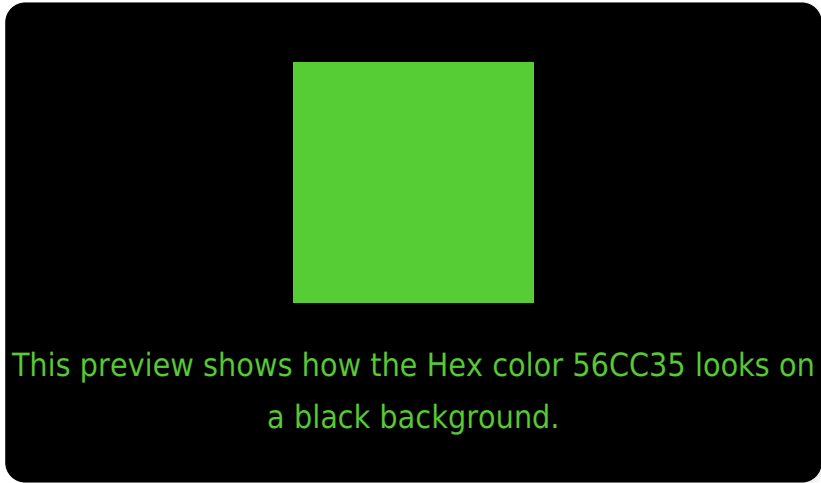
Large Text (above 18pt) WCAG AA × Fail

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

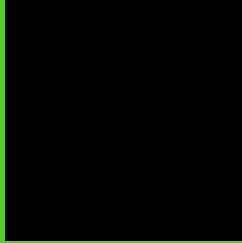
Any Text WCAG AA ✓ Pass

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 56CC35 Background



This preview shows how black text looks on a background with the Hex color 56CC35.

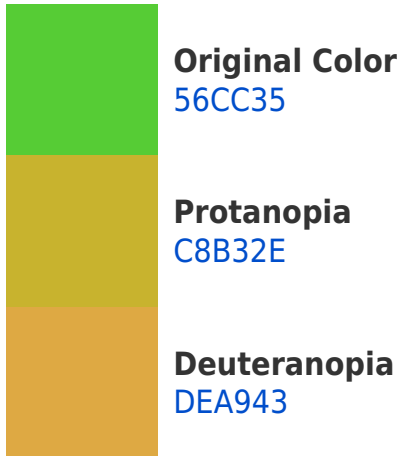


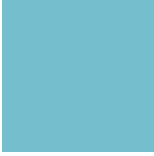
This preview shows how white text looks on a background with the Hex color 56CC35.

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





Trichromacy



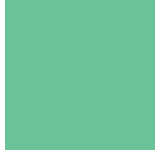
Original Color
56CC35



Protanomaly
9FBC31



Deuteranomaly
ADB63E



Tritanomaly
6AC396

Monochromacy



Original Color
56CC35



Achromatopsia
989898



Achromatomaly
80AB74

CSS Examples

Text

The CSS property to change the color of the text to Hex 56CC35 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 #56CC35 looks like.

```
.text, #text, p{  
    color:#56CC35  
}
```

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 #56CC35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56CC35
}
```

Border

The CSS property to change the border of an element to Hex 56CC35 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
#56CC35 }
```

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

```
.border{ border-color:#56CC35 }
```

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

Here you see how a box with a 4 pixel #56CC35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56CC35; -webkit-box-shadow:4px 4px  
4px 4px #56CC35; box-shadow:4px 4px 4px  
4px #56CC35 }
```

Background

The CSS property to change the background color of an element to Hex 56CC35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56CC35 }
```

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

```
.background{ background-color:#56CC35 }
```

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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