

Converting Colors

Hex(56B729)

Have a look what the booklet for
Hex(56B729) contains.

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Color

Hex(56B729)

Conversions

Conversions Part 1

Format	Color
Hex	56B729
RGB	86, 183, 41
RGB Percent	34%, 72%, 16%
CMY	0.6627, 0.2824, 0.8392
CMYK	0.53, 0.00, 0.78, 0.28
HSL	101°, 63%, 44%
HSV	101°, 78%, 72%
XYZ	21.1715, 36.0055, 7.9317
YIQ	137.8090, -12.2300, -64.7260

Conversions

Conversions Part 2

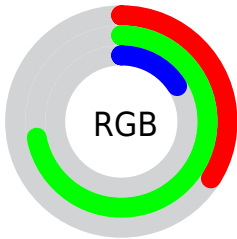
Format	Color
R_{YB}	41, 183, 138
Decimal	5682985
CIE _{Lab}	66.52, -52.62, 58.75
CIE _{LCh}	67, 78.870, 131.845
Yxy	36.0055, 0.3252, 0.5530
Android (android.graphics.Color)	4283873065 (0xFF56B729)
YUV	137.8090, -47.7268, -45.4365
Hunter-Lab	60.0046, -42.0277, 34.1659

Details

The Hex color **56B729** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8A29B7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **90F061**, and **098100** is the 20% darker color. If you saturate the color by 10%, you get **49B717**, and if you desaturate by 10%, it is **63B73B**.

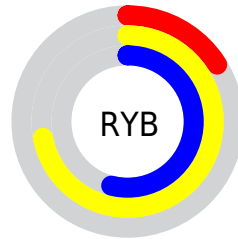
Distribution



Red (34%)

Green (72%)

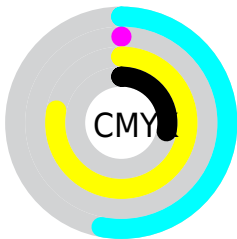
Blue (16%)



Red (16%)

Yellow (72%)

Blue (54%)

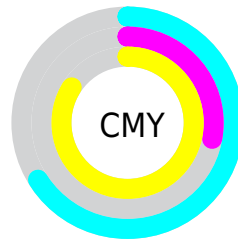


Cyan (53%)

Magenta (0%)

Yellow (78%)

Black (28%)



Cyan (66%)

Magenta (28%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B729 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 56B729 by changing the saturation by 10% instead.

 56B729

 56B729


FFFFFF

 379C00

 90F061

 098100

 AEFF7D

 006700

 CBFF98

 004E00

 E9FFB4

 003600

 FFFFD1

 001F00

 FFFFEE

 000000

 56B729

 56B729

 49B717

 63B73B

 3DB704

 6FB74E

 3AB700

 7CB760

 88B772

 95B785

 A1B797

 AEB7A9

 BAB7BB

 C7B7CE

Harmonies

Analogous

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



A8A700



56B729



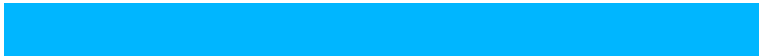
00BF73

Triad

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



56B729



00B6FF



FF5489

Complementary

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



56B729



8A29B7

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.



FF5FD0



56B729



00A1FF

Square

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



56B729



00C0FF



C781FF



FF6E46

Rectangle

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



56B729



00C1A4



C781FF



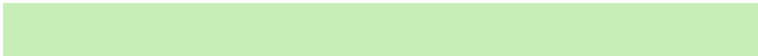
FF53A0

Sweetspot

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



56B729



C8EDB7



B78829



617856



F7F7F7



787878

Same Dimension

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



56B729



56ED11



29B741



565C53



319C00



091C00

Inverse Universe

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



8A29B7



A711ED



B7299F



59535C



6A009C



13001C

Previews

White Background



This preview shows how the Hex color 56B729 looks on a white background.

Color Contrast Check

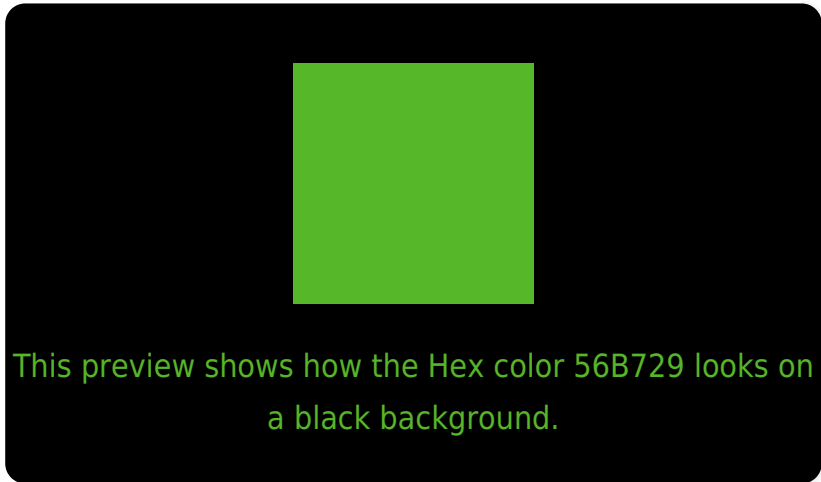
Large Text (above 18pt) WCAG AA × Fail

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 56B729 Background



This preview shows how black text looks on a background with the Hex color 56B729.



This preview shows how white text looks on a background with the Hex color 56B729.

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



Original Color
56B729

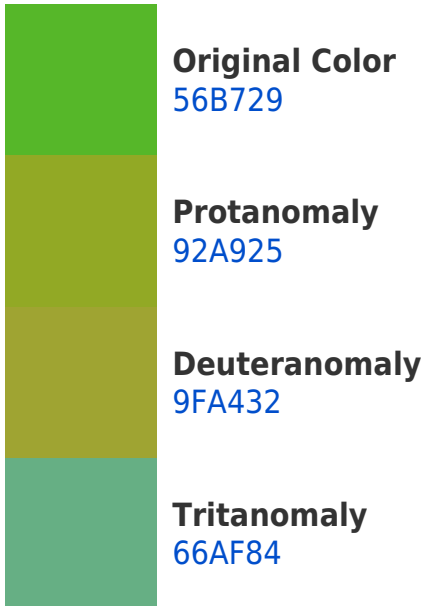
Protanopia
B5A123

Deuteranopia
C99937

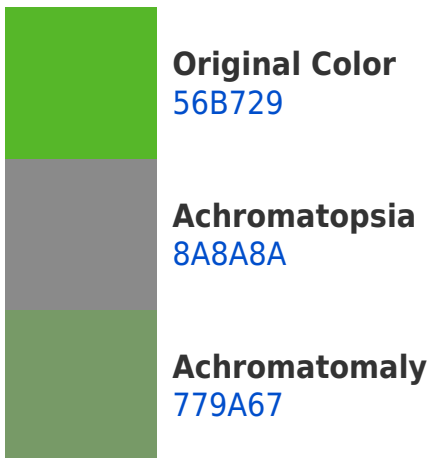


Tritanopia
6FABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B729 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 #56B729 looks like.

```
.text, #text, p{  
    color:#56B729  
}
```

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 #56B729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B729
}
```

Border

The CSS property to change the border of an element to Hex 56B729 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
#56B729 }
```

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

```
.border{ border-color:#56B729 }
```

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

Here you see how a box with a 4 pixel #56B729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B729; -webkit-box-shadow:4px 4px  
4px 4px #56B729; box-shadow:4px 4px 4px  
4px #56B729 }
```

Background

The CSS property to change the background color of an element to Hex 56B729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B729 }
```

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

```
.background{ background-color:#56B729 }
```

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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