

Converting Colors

Hex(56B023)

Have a look what the booklet for
Hex(56B023) contains.

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Color

Hex(56B023)

Conversions

Conversions Part 1

Format	Color
Hex	56B023
RGB	86, 176, 35
RGB Percent	34%, 69%, 14%
CMY	0.6627, 0.3098, 0.8627
CMYK	0.51, 0.00, 0.80, 0.31
HSL	98°, 67%, 41%
HSV	98°, 80%, 69%
XYZ	19.6665, 33.1505, 6.9523
YIQ	133.0160, -8.3790, -62.9310

Conversions

Conversions Part 2

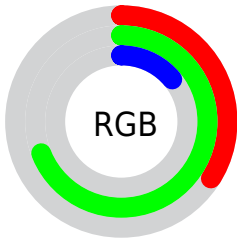
Format	Color
RYB	35, 176, 125
Decimal	5681187
CIELab	64.28, -50.31, 58.48
CIELCh	64, 77.145, 130.707
Yxy	33.1505, 0.3290, 0.5546
Android (android.graphics.Color)	4283871267 (0xFF56B023)
YUV	133.0160, -48.3219, -41.2330
Hunter-Lab	57.5764, -39.7883, 33.1443

Details

The Hex color **56B023** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7D23B0**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **90E85C**, and **0E7A00** is the 20% darker color. If you saturate the color by 10%, you get **4BB011**, and if you desaturate by 10%, it is **61B035**.

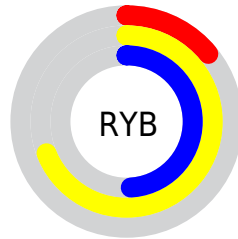
Distribution



Red (34%)

Green (69%)

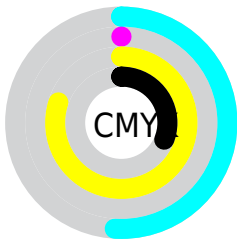
Blue (14%)



Red (14%)

Yellow (69%)

Blue (49%)

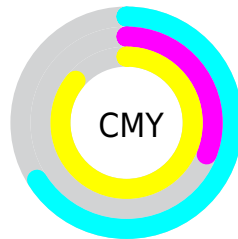


Cyan (51%)

Magenta (0%)

Yellow (80%)

Black (31%)



Cyan (66%)

Magenta (31%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B023 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 56B023 by changing the saturation by 10% instead.

 56B023

 56B023

FFFFFF

 379500

 90E85C

 0E7A00

 ADF77

 006100

 CAFF93

 004800

 E8FFAF

 003100

 FFFFCB

 001800

 FFFF8

 000000

 56B023

 56B023

 4BB011

 61B035

 40B000

 6CB046

 78B058

 83B069

 8EB07B

 99B08D

 A5B09E

 B0B0B0

 BBB0C1

Harmonies

Analogous

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



A4A100



56B023



00B86B

Triad

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



56B023



00B0FF



FF5086

Complementary

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



56B023



7D23B0

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.



FF5BCB



56B023



009CFF

Square

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



56B023



00B9F5



BD7DFF



FF6845

Rectangle

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



56B023



00BA9B



BD7DFF



FF4F9D

Sweetspot

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



56B023



C2E6AE



B07C23



5E7351



F2F2F2



737373

Same Dimension

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



56B023



59E609



23B036



545950



379900



091A00

Inverse Universe

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



7D23B0



9609E6



B0239D



565059



620099



10001A

Previews

White Background



This preview shows how the Hex color 56B023 looks on a white background.

Color Contrast Check

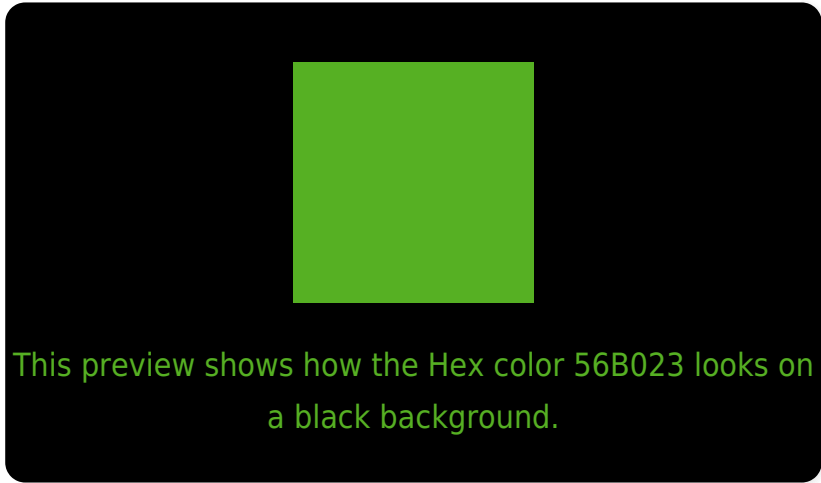
Large Text (above 18pt) WCAG AA × Fail

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 56B023 Background



This preview shows how black text looks on a background with the Hex color 56B023.

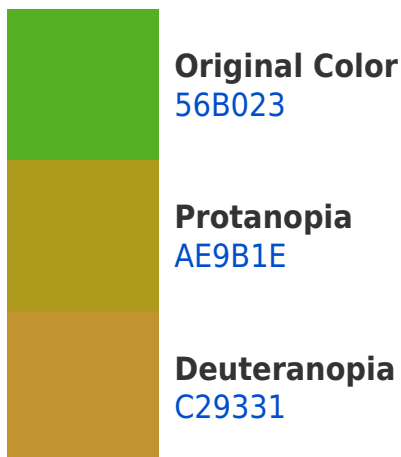


This preview shows how white text looks on a background with the Hex color 56B023.

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](#).

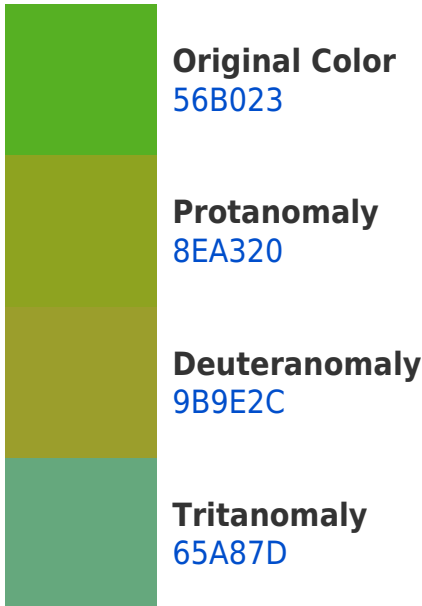
Dichromacy



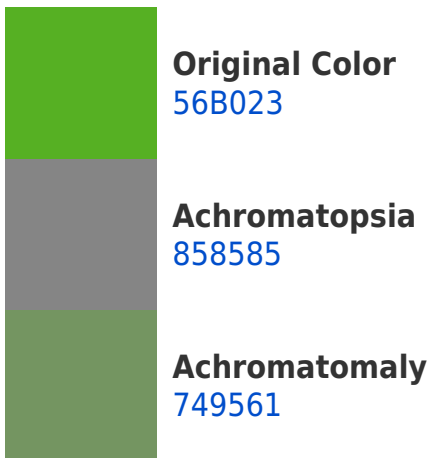


Tritanopia
6EA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B023 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 #56B023 looks like.

```
.text, #text, p{  
    color:#56B023  
}
```

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 #56B023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B023
}
```

Border

The CSS property to change the border of an element to Hex 56B023 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
#56B023 }
```

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

```
.border{ border-color:#56B023 }
```

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

Here you see how a box with a 4 pixel #56B023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B023; -webkit-box-shadow:4px 4px  
4px 4px #56B023; box-shadow:4px 4px 4px  
4px #56B023 }
```

Background

The CSS property to change the background color of an element to Hex 56B023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B023 }
```

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

```
.background{ background-color:#56B023 }
```

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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