

Converting Colors

Hex(55BC23)

Have a look what the booklet for
Hex(55BC23) contains.

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Color

Hex(55BC23)

Conversions

Conversions Part 1

Format	Color
Hex	55BC23
RGB	85, 188, 35
RGB Percent	33%, 74%, 14%
CMY	0.6667, 0.2627, 0.8627
CMYK	0.55, 0.00, 0.81, 0.26
HSL	100°, 69%, 44%
HSV	100°, 81%, 74%
XYZ	22.0329, 38.0191, 7.7673
YIQ	139.7610, -12.2750, -69.4190

Conversions

Conversions Part 2

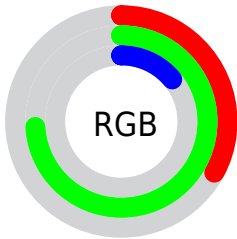
Format	Color
RYB	35, 188, 138
Decimal	5618723
CIELab	68.03, -55.07, 61.94
CIELCh	68, 82.882, 131.640
Yxy	38.0191, 0.3249, 0.5606
Android (android.graphics.Color)	4283808803 (0xFF55BC23)
YUV	139.7610, -51.6472, -48.0254
Hunter-Lab	61.6596, -44.1207, 35.6930

Details

The Hex color **55BC23** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8A23BC**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **90F55E**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **48BC10**, and if you desaturate by 10%, it is **62BC36**.

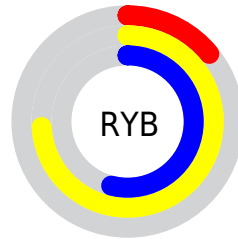
Distribution



Red (33%)

Green (74%)

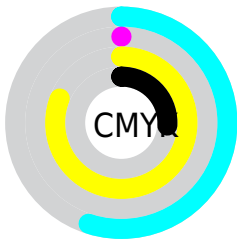
Blue (14%)



Red (14%)

Yellow (74%)

Blue (54%)

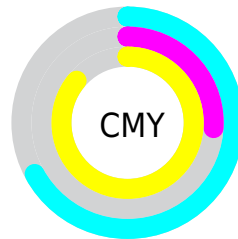


Cyan (55%)

Magenta (0%)

Yellow (81%)

Black (26%)



Cyan (67%)

Magenta (26%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BC23 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 55BC23 by changing the saturation by 10% instead.

 55BC23

 55BC23

FFFFFF

 34A000

 90F55E

 008600

 AEFF79

 006B00

 CBFF95

 005200

 E9FFB1

 003A00

 FFFFCE

 002300

 FFFFEB

 000000

 55BC23

 55BC23

 48BC10

 62BC36

 3DBC00

 6EBC49

 7BBC5B

 88BC6E

 94BC81

 A1BC94

 AEBCA7

 BABCB9

 C7BCCC

Harmonies

Analogous

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



ACAC00



55BC23



00C474

Triad

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



55BC23



00BBFF



FF518C

Complementary

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



55BC23



8A23BC

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.



FF5DD7



55BC23



00A5FF

Square

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



55BC23



00C5FF



CC83FF



FF6E45

Rectangle

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



55BC23



00C7A8



CC83FF



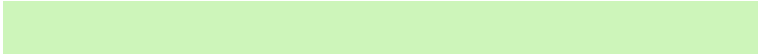
FF50A5

Sweetspot

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



55BC23



CDF5BA



BC8923



637A57



FAFAFA



7A7A7A

Same Dimension

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



55BC23



53F505



23BC3C



585E55



349E00



0A1F00

Inverse Universe

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



8A23BC



A605F5



BC23A2



5B555E



6A009E



15001F

Previews

White Background



This preview shows how the Hex color 55BC23 looks on a white background.

Color Contrast Check

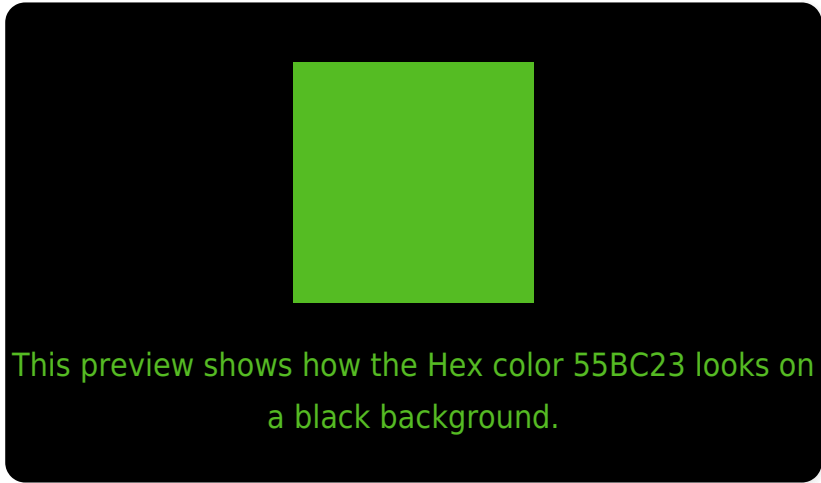
Large Text (above 18pt) WCAG AA × Fail

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 55BC23 Background



This preview shows how black text looks on a background with the Hex color 55BC23.

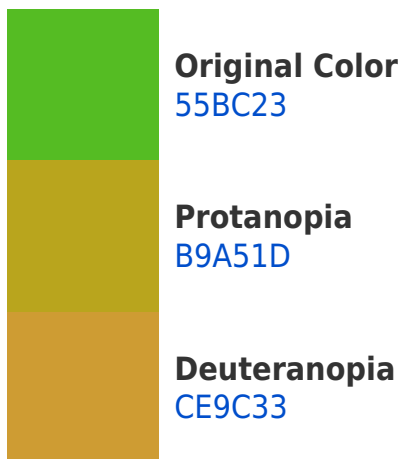


This preview shows how white text looks on a background with the Hex color 55BC23.

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
70AFBD

Trichromacy



Original Color
55BC23



Protanomaly
95AD1F



Deuteranomaly
A2A82D



Tritanomaly
66B485

Monochromacy



Original Color
55BC23



Achromatopsia
8C8C8C



Achromatomaly
789D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 55BC23 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 #55BC23 looks like.

```
.text, #text, p{  
    color:#55BC23  
}
```

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 #55BC23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BC23
}
```

Border

The CSS property to change the border of an element to Hex 55BC23 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
#55BC23 }
```

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

```
.border{ border-color:#55BC23 }
```

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

Here you see how a box with a 4 pixel #55BC23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BC23; -webkit-box-shadow:4px 4px  
4px 4px #55BC23; box-shadow:4px 4px 4px  
4px #55BC23 }
```

Background

The CSS property to change the background color of an element to Hex 55BC23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BC23 }
```

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

```
.background{ background-color:#55BC23 }
```

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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