

Converting Colors

Hex(53BF92)

Have a look what the booklet for
Hex(53BF92) contains.

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Color

Hex(53BF92)

Conversions

Conversions Part 1

Format	Color
Hex	53BF92
RGB	83, 191, 146
RGB Percent	33%, 75%, 57%
CMY	0.6745, 0.2510, 0.4275
CMYK	0.57, 0.00, 0.24, 0.25
HSL	155°, 46%, 54%
HSV	155°, 57%, 75%
XYZ	27.3864, 41.1759, 33.6985
YIQ	153.5780, -49.9230, -36.8910

Conversions

Conversions Part 2

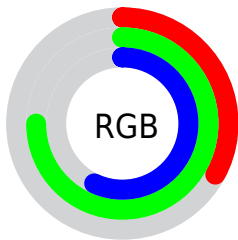
Format	Color
RYB	83, 151, 191
Decimal	5488530
CIELab	70.30, -41.73, 13.51
CIElCh	70, 43.865, 162.066
Yxy	41.1759, 0.2678, 0.4027
Android (android.graphics.Color)	4283678610 (0xFF53BF92)
YUV	153.5780, -3.7360, -61.8969
Hunter-Lab	64.1685, -36.1130, 13.7814

Details

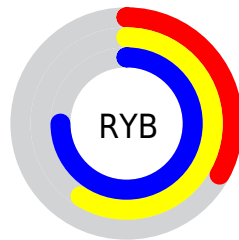
The Hex color **53BF92** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF5380**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8DF8C8**, and **05895F** is the 20% darker color. If you saturate the color by 10%, you get **40BF8A**, and if you desaturate by 10%, it is **66BF9A**.

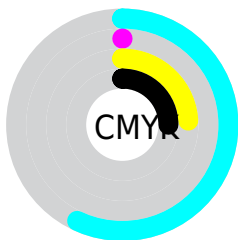
Distribution



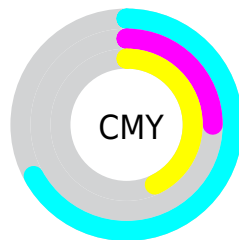
- Red (33%)
- Green (75%)
- Blue (57%)



- Red (33%)
- Yellow (59%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BF92 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 53BF92 by changing the saturation by 10% instead.



53BF92



53BF92

FFFFFF



34A378



8DF8C8



05895F



A9FFE4



006F48



C6FFFF



005631



E4FFFF



003D1C



002803



000200



000000



53BF92



53BF92

 40BF8A

 66BF9A

 2DBF82

 79BFA2

 1ABF7A

 8CBFAA

 07BF72

 9FBFB2

 00BF6F

 B3BFBA

 C6BFC2

 D9BFCA

 ECBFD2

 FFBFDA

Harmonies

Analogous

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



89B96F



53BF92



00C1BB

Triad

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



53BF92



8AAAF8



F19478

Complementary

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



53BF92



BF5380

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.



F88C9D



53BF92



C59BE7

Square

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



53BF92



33B7F7



EA8FC5



D9A160

Rectangle

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



53BF92



00C0D5



EA8FC5



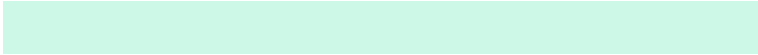
F69084

Sweetspot

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



53BF92



CDF7E6



80BF53



647D73



FCFCFC



7D7D7D

Same Dimension

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



53BF92



4FF7B1



53B8BF



555E5A



009E5C



001F12

Inverse Universe

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



BF5380



F74F95



BF5C53



5E5559



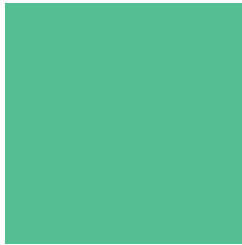
9E0042



1F000D

Previews

White Background



This preview shows how the Hex color 53BF92 looks on a white background.

Color Contrast Check

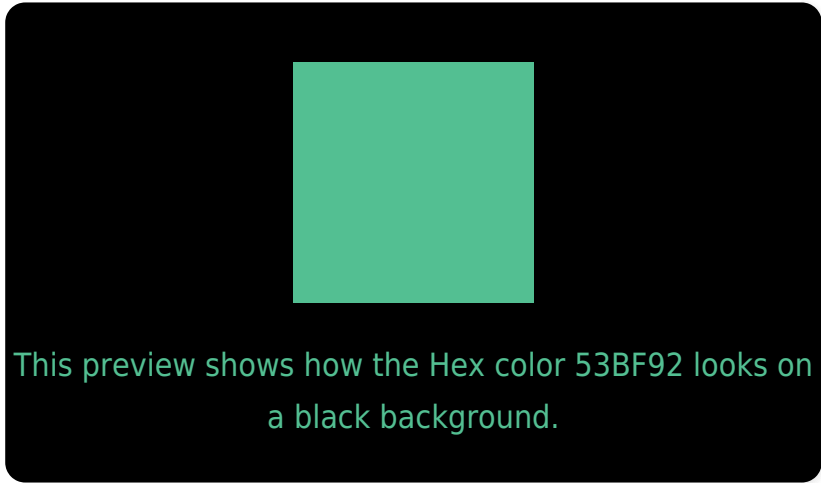
Large Text (above 18pt) WCAG AA × Fail

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

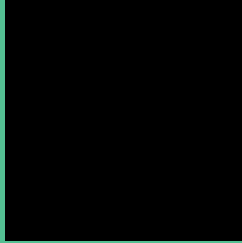
Any Text WCAG AA ✓ Pass

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 53BF92 Background



This preview shows how black text looks on a background with the Hex color 53BF92.

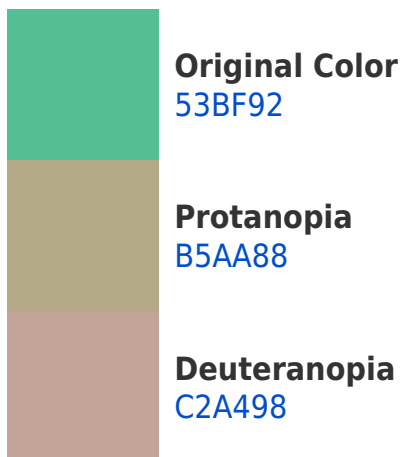


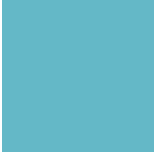
This preview shows how white text looks on a background with the Hex color 53BF92.

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





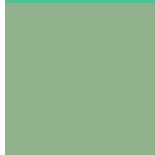
Tritanopia
64B8C7

Trichromacy



Original Color

53BF92



Protanomaly

91B28C



Deuteranomaly

9AAE96



Tritanomaly

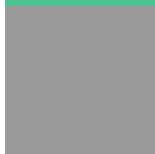
5EBBB4

Monochromacy



Original Color

53BF92



Achromatopsia

9A9A9A



Achromatomaly

80A797

CSS Examples

Text

The CSS property to change the color of the text to Hex 53BF92 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 #53BF92 looks like.

```
.text, #text, p{  
    color:#53BF92  
}
```

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 #53BF92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BF92
}
```

Border

The CSS property to change the border of an element to Hex 53BF92 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
#53BF92 }
```

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

```
.border{ border-color:#53BF92 }
```

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

Here you see how a box with a 4 pixel #53BF92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BF92; -webkit-box-shadow:4px 4px  
4px 4px #53BF92; box-shadow:4px 4px 4px  
4px #53BF92 }
```

Background

The CSS property to change the background color of an element to Hex 53BF92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BF92 }
```

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

```
.background{ background-color:#53BF92 }
```

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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