

Converting Colors

Hex(53B64C)

Have a look what the booklet for
Hex(53B64C) contains.

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Color

Hex(53B64C)

Conversions

Conversions Part 1

Format	Color
Hex	53B64C
RGB	83, 182, 76
RGB Percent	33%, 71%, 30%
CMY	0.6745, 0.2863, 0.7020
CMYK	0.54, 0.00, 0.58, 0.29
HSL	116°, 42%, 51%
HSV	116°, 58%, 71%
XYZ	21.5997, 35.8167, 12.6124
YIQ	140.3150, -24.9780, -53.9540

Conversions

Conversions Part 2

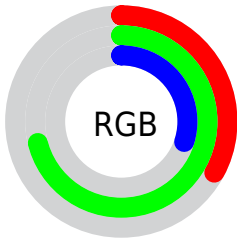
Format	Color
RYB	76, 182, 175
Decimal	5486156
CIELab	66.38, -49.96, 44.54
CIElCh	66, 66.934, 138.284
Yxy	35.8167, 0.3084, 0.5115
Android (android.graphics.Color)	4283676236 (0xFF53B64C)
YUV	140.3150, -31.7073, -50.2653
Hunter-Lab	59.8471, -40.3089, 29.3980

Details

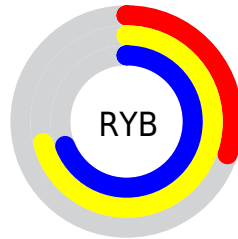
The Hex color **53B64C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AF4CB6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8CEF80**, and **088017** is the 20% darker color. If you saturate the color by 10%, you get **42B63A**, and if you desaturate by 10%, it is **64B65E**.

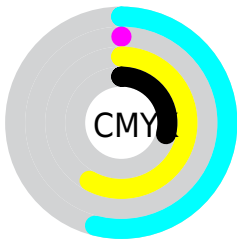
Distribution



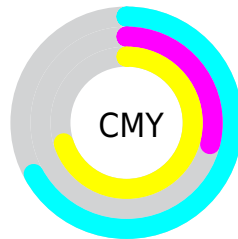
- Red (33%)
- Green (71%)
- Blue (30%)



- Red (30%)
- Yellow (71%)
- Blue (69%)



- Cyan (54%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B64C 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 53B64C by changing the saturation by 10% instead.



53B64C



53B64C

FFFFFF



349B32



8CEF80



088017



A9FF9B



006600



C6FFB6



004D00



E4FFD3



003500



FFFFEF



001E00



000000



53B64C



53B64C



42B63A



64B65E

 31B628

 75B670

 20B615

 86B683

 0FB603

 97B695

 0CB600

 A8B6A7

 B9B6B9

 CAB6CB

 DBB6DE

 ECB6F0

Harmonies

Analogous

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



9DAA1D



53B64C



00BC87

Triad

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



53B64C



00AFFF



FF697F

Complementary

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



53B64C



AF4CB6

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.



FF6ABC



53B64C



739BFF

Square

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



53B64C



00BAFA



D281F2



FB7D49

Rectangle

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



53B64C



00BEB1



D281F2



FF6693

Sweetspot

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



53B64C



C7EDC5



B6AF4C



617860



F7F7F7



787878

Same Dimension

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



53B64C



52ED47



4CB67A



535C53



0A9C00



021C00

Inverse Universe

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



AF4CB6



E247ED



B64C88



5B535C



91009C



1A001C

Previews

White Background



This preview shows how the Hex color 53B64C looks on a white background.

Color Contrast Check

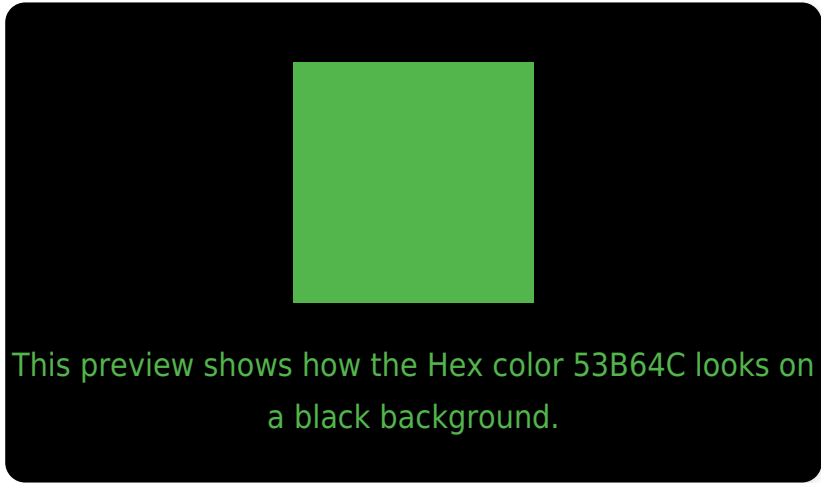
Large Text (above 18pt) WCAG AA × Fail

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

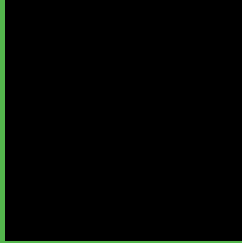
Any Text WCAG AA ✓ Pass

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 53B64C Background



This preview shows how black text looks on a background with the Hex color 53B64C.



This preview shows how white text looks on a background with the Hex color 53B64C.

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](#).

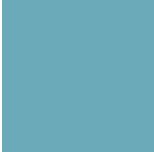
Dichromacy



Original Color
53B64C

Protanopia
B2A145

Deuteranopia
C59954



Tritanopia
6BABB9

Trichromacy



Original Color
53B64C



Protanomaly
8FA948



Deuteranomaly
9CA451



Tritanomaly
62AF91

Monochromacy



Original Color
53B64C



Achromatopsia
8C8C8C



Achromatomaly
779B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 53B64C 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 #53B64C looks like.

```
.text, #text, p{  
    color:#53B64C  
}
```

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 #53B64C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B64C
}
```

Border

The CSS property to change the border of an element to Hex 53B64C 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
#53B64C }
```

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

```
.border{ border-color:#53B64C }
```

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

Here you see how a box with a 4 pixel #53B64C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B64C; -webkit-box-shadow:4px 4px  
4px 4px #53B64C; box-shadow:4px 4px 4px  
4px #53B64C }
```

Background

The CSS property to change the background color of an element to Hex 53B64C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B64C }
```

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

```
.background{ background-color:#53B64C }
```

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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