

Converting Colors

Hex(56B84F)

Have a look what the booklet for
Hex(56B84F) contains.

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Color

Hex(56B84F)

Conversions

Conversions Part 1

Format	Color
Hex	56B84F
RGB	86, 184, 79
RGB Percent	34%, 72%, 31%
CMY	0.6627, 0.2784, 0.6902
CMYK	0.53, 0.00, 0.57, 0.28
HSL	116°, 43%, 52%
HSV	116°, 57%, 72%
XYZ	22.3895, 36.8239, 13.3248
YIQ	142.7280, -24.7030, -53.4310

Conversions

Conversions Part 2

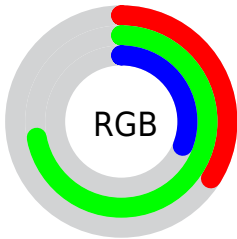
Format	Color
RYB	79, 184, 177
Decimal	5683279
CIELab	67.14, -49.59, 44.06
CIELCh	67, 66.331, 138.379
Yxy	36.8239, 0.3087, 0.5076
Android (android.graphics.Color)	4283873359 (0xFF56B84F)
YUV	142.7280, -31.4179, -49.7505
Hunter-Lab	60.6827, -40.3353, 29.4589

Details

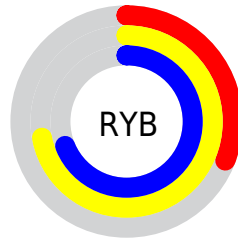
The Hex color **56B84F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B14FB8**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8FF183**, and **10821B** is the 20% darker color. If you saturate the color by 10%, you get **45B83D**, and if you desaturate by 10%, it is **67B861**.

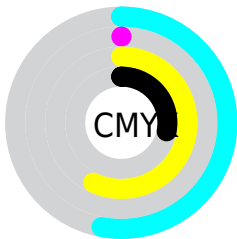
Distribution



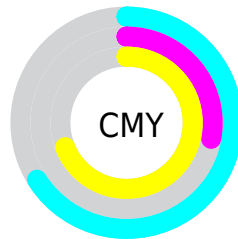
- Red (34%)
- Green (72%)
- Blue (31%)



- Red (31%)
- Yellow (72%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (57%)
- Black (28%)



- Cyan (66%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B84F 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 56B84F by changing the saturation by 10% instead.

 56B84F

 56B84F


FFFFFF

 389D36

 8FF183

 10821B

 ACFF9E

 006800

 C9FFBA

 004F00

 E6FFD6

 003700

 FFFFF3

 002100

 000000

 56B84F

 56B84F

 45B83D

 67B861

 34B82A

 78B874

 22B818

 8AB886

 11B805

 9BB899

 0CB800

 ACB8AB

 BDB8BD

 CEB8D0

 DFB8E2

 F1B8F5

Harmonies

Analogous

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



9FAC22



56B84F



00BE89

Triad

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



56B84F



00B1FF



FF6C81

Complementary

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



56B84F



B14FB8

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.



FF6DBD



56B84F



769DFF

Square

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



56B84F



00BCFC



D483F4



FD804B

Rectangle

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



56B84F



00C0B3



D483F4



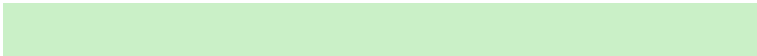
FF6995

Sweetspot

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



56B84F



CAF0C7



B8B14F



617860



F7F7F7



787878

Same Dimension

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



56B84F



58F04D



4FB87D



535C53



0A9C00



021C00

Inverse Universe

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



B14FB8



E54DF0



B84F8A



5B535C



91009C



1A001C

Previews

White Background



This preview shows how the Hex color 56B84F looks on a white background.

Color Contrast Check

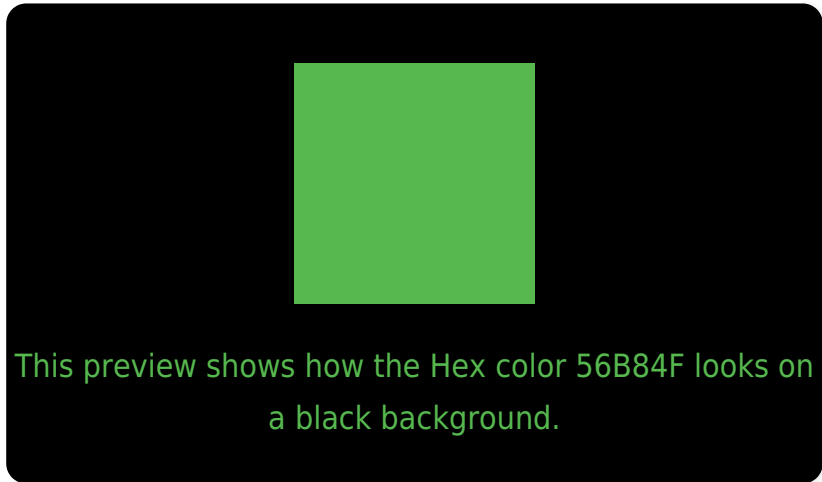
Large Text (above 18pt) WCAG AA × Fail

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

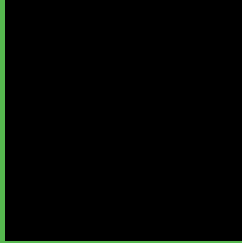
Any Text WCAG AA ✓ Pass

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 56B84F Background



This preview shows how black text looks on a background with the Hex color 56B84F.



This preview shows how white text looks on a background with the Hex color 56B84F.

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
56B84F

Protanopia
B4A348

Deuteranopia
C79B57

Trichromacy



Original Color
56B84F



Protanomaly
92AB4B



Deuteranomaly
9EA654



Tritanomaly
65B194

Monochromacy



Original Color
56B84F



Achromatopsia
8F8F8F



Achromatomaly
7A9E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 56B84F 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 #56B84F looks like.

```
.text, #text, p{  
    color:#56B84F  
}
```

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 #56B84F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B84F
}
```

Border

The CSS property to change the border of an element to Hex 56B84F 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
#56B84F }
```

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

```
.border{ border-color:#56B84F }
```

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

Here you see how a box with a 4 pixel #56B84F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B84F; -webkit-box-shadow:4px 4px  
4px 4px #56B84F; box-shadow:4px 4px 4px  
4px #56B84F }
```

Background

The CSS property to change the background color of an element to Hex 56B84F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B84F }
```

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

```
.background{ background-color:#56B84F }
```

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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