

Converting Colors

Hex(56C491)

Have a look what the booklet for
Hex(56C491) contains.

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Color

Hex(56C491)

Conversions

Conversions Part 1

Format	Color
Hex	56C491
RGB	86, 196, 145
RGB Percent	34%, 77%, 57%
CMY	0.6627, 0.2314, 0.4314
CMYK	0.56, 0.00, 0.26, 0.23
HSL	152°, 48%, 55%
HSV	152°, 56%, 77%
XYZ	28.6885, 43.5026, 33.6729
YIQ	157.2960, -49.1890, -39.1810

Conversions

Conversions Part 2

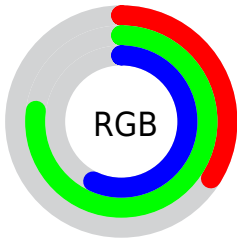
Format	Color
RYB	86, 158, 196
Decimal	5686417
CIELab	71.89, -43.46, 16.29
CIELCh	72, 46.413, 159.449
Yxy	43.5026, 0.2710, 0.4109
Android (android.graphics.Color)	4283876497 (0xFF56C491)
YUV	157.2960, -6.0619, -62.5266
Hunter-Lab	65.9565, -37.7834, 15.9002

Details

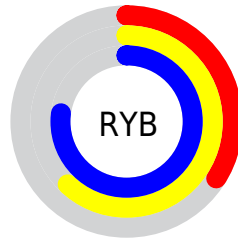
The Hex color **56C491** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C45689**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **90FDC7**, and **0C8D5E** is the 20% darker color. If you saturate the color by 10%, you get **42C488**, and if you desaturate by 10%, it is **6AC49A**.

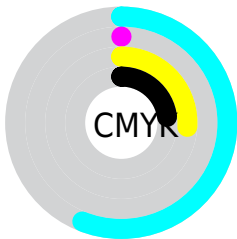
Distribution



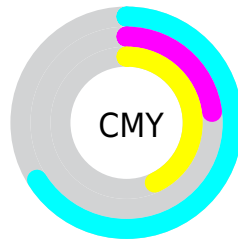
- Red (34%)
- Green (77%)
- Blue (57%)



- Red (34%)
- Yellow (62%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)



- Cyan (66%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C491 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 56C491 by changing the saturation by 10% instead.

 56C491

 56C491

FFFFFF

 37A877

 90FDC7

 0C8D5E

 ADFFE3

 007347

 CAFFFF

 005A30

 E7FFFF

 00411A

 002B01

 000D00

 000000

 56C491

 56C491

 42C488

 6AC49A

 2FC47F

 7DC4A3

 1BC476

 91C4AC

 08C46D

 A4C4B5

 00C469

 B8C4BE

 CCC4C8

 DFC4D1

 F3C4DA

 FFC4E3

Harmonies

Analogous

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



90BD6D



56C491



00C6BD

Triad

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



56C491



84B0FF



FB957C

Complementary

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



56C491



C45689

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.



FF8EA4



56C491



C6A0F2

Square

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



56C491



08BDFE



EF92CF



E3A361

Rectangle

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



56C491



00C5D9



EF92CF



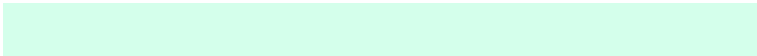
FF9189

Sweetspot

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



56C491



D4FFEB



89C456



668074



000000



808080

Same Dimension

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



56C491



54FFB0



56C0C4



57615C



00A156



002112

Inverse Universe

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



C45689



FF54A3



C45A56



61575C



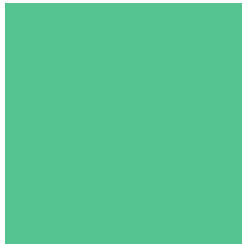
A1004A



21000F

Previews

White Background



This preview shows how the Hex color 56C491 looks on a white background.

Color Contrast Check

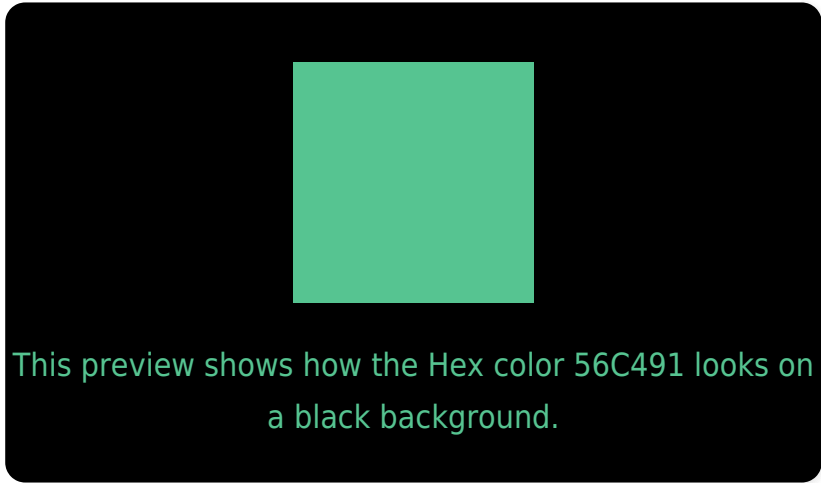
Large Text (above 18pt) WCAG AA × Fail

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

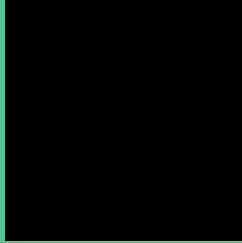
Any Text WCAG AA ✓ Pass

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 56C491 Background



This preview shows how black text looks on a background with the Hex color 56C491.

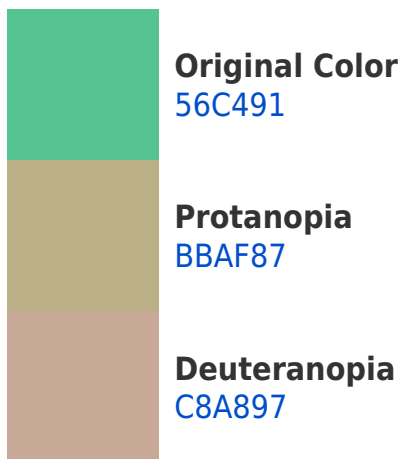


This preview shows how white text looks on a background with the Hex color 56C491.

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



Trichromacy



Original Color
56C491



Protanomaly
96B78B



Deuteranomaly
9FB295



Tritanomaly
61BFB7

Monochromacy



Original Color
56C491



Achromatopsia
9D9D9D



Achromatomaly
83AB99

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C491 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 #56C491 looks like.

```
.text, #text, p{  
    color:#56C491  
}
```

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 #56C491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C491
}
```

Border

The CSS property to change the border of an element to Hex 56C491 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
#56C491 }
```

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

```
.border{ border-color:#56C491 }
```

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

Here you see how a box with a 4 pixel #56C491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C491; -webkit-box-shadow:4px 4px  
4px 4px #56C491; box-shadow:4px 4px 4px  
4px #56C491 }
```

Background

The CSS property to change the background color of an element to Hex 56C491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C491 }
```

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

```
.background{ background-color:#56C491 }
```

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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