

Converting Colors

Hex(35845C)

Have a look what the booklet for
Hex(35845C) contains.

Hex(35845C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(35845C)

Conversions

Conversions Part 1

Format	Color
Hex	35845C
RGB	53, 132, 92
RGB Percent	21%, 52%, 36%
CMY	0.7922, 0.4824, 0.6392
CMYK	0.60, 0.00, 0.30, 0.48
HSL	150°, 43%, 36%
HSV	150°, 60%, 52%
XYZ	11.6512, 18.0321, 12.9917
YIQ	103.8190, -34.2440, -29.1880

Conversions

Conversions Part 2

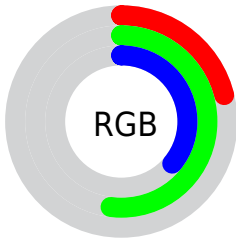
Format	Color
RYB	53, 106, 132
Decimal	3507292
CIELab	49.54, -34.10, 14.53
CIElCh	50, 37.067, 156.921
Yxy	18.0321, 0.2730, 0.4225
Android (android.graphics.Color)	4281697372 (0xFF35845C)
YUV	103.8190, -5.8268, -44.5683
Hunter-Lab	42.4642, -25.3361, 11.5856

Details

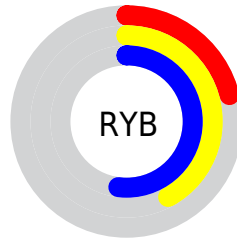
The Hex color **35845C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84355D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6BBA8E**, and **00522E** is the 20% darker color. If you saturate the color by 10%, you get **288455**, and if you desaturate by 10%, it is **428463**.

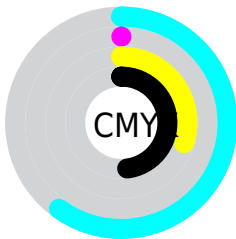
Distribution



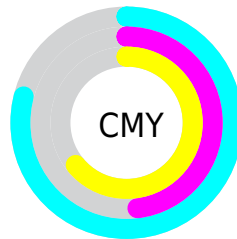
- Red (21%)
- Green (52%)
- Blue (36%)



- Red (21%)
- Yellow (42%)
- Blue (52%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35845C 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 35845C by changing the saturation by 10% instead.

 35845C

 35845C

FFFFFF

 166A44

 6BBA8E

 00522E

 86D6A9

 003A19

 A2F2C4

 002500

 BEFFE0

 000000

 DAFFFD

 F8FFFF

 35845C

 35845C

 288455

 428463

■ 1B844F

■ 4F8469

■ 0D8448

■ 5D8470

■ 008441

■ 6A8477

■ 77847D

■ 848484

■ 91848B

■ 9F8491

■ AC8498

Harmonies

Analogous

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



607F42



35845C



00867C

Triad

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



35845C



4E77B4



AE6152

Complementary

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



35845C



84355D

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.



B15B70



35845C



826BA8

Square

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



35845C



0080AF



A3608F



9D6B3C

Rectangle

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



35845C



008591



A3608F



B05E5B

Sweetspot

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



35845C



8CAB9B



5E8435



44574D



D6D6D6



575757

Same Dimension

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



35845C



30AB6D



358483



3C423F



008240



000301

Inverse Universe

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



84355D



AB306E



843536



423C3F



820042



030001

Previews

White Background



This preview shows how the Hex color 35845C looks on a white background.

Color Contrast Check

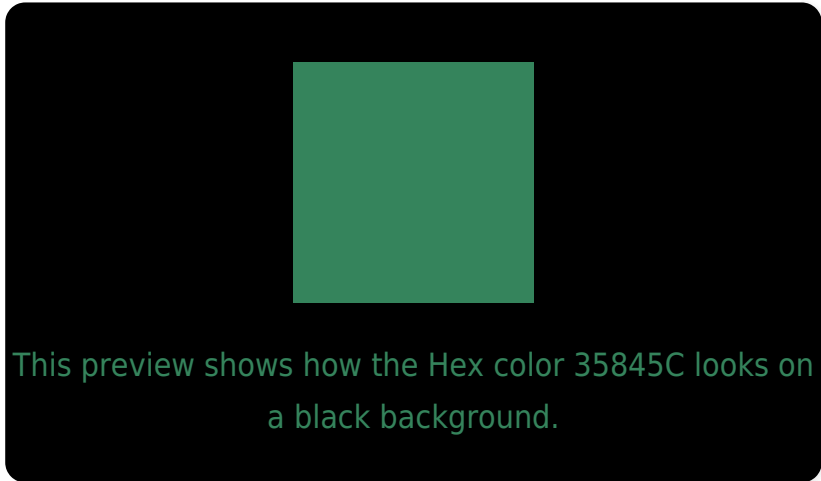
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

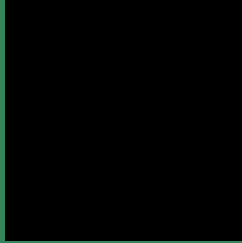
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 35845C Background



This preview shows how black text looks on a background with the Hex color 35845C.



This preview shows how white text looks on a background with the Hex color 35845C.

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
35845C

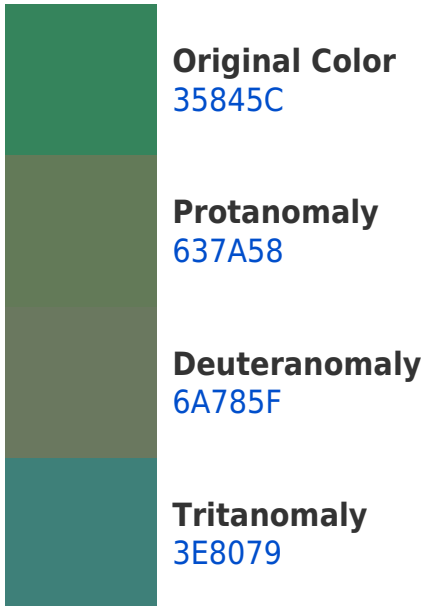
Protanopia
7E7555

Deuteranopia
887160

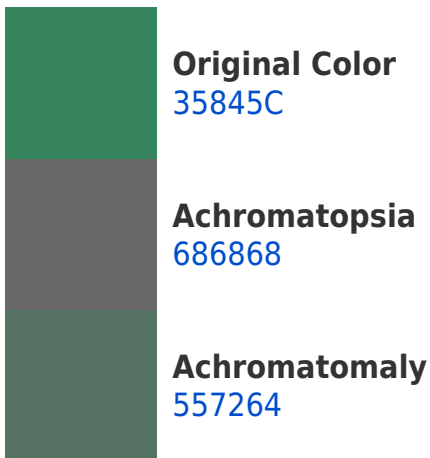


Tritanopia
437E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35845C 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 #35845C looks like.

```
.text, #text, p{  
    color:#35845C  
}
```

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 #35845C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35845C
}
```

Border

The CSS property to change the border of an element to Hex 35845C 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
#35845C }
```

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

```
.border{ border-color:#35845C }
```

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

Here you see how a box with a 4 pixel #35845C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35845C; -webkit-box-shadow:4px 4px  
4px 4px #35845C; box-shadow:4px 4px 4px  
4px #35845C }
```

Background

The CSS property to change the background color of an element to Hex 35845C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35845C }
```

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

```
.background{ background-color:#35845C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor