

Converting Colors

Hex(35906C)

Have a look what the booklet for
Hex(35906C) contains.

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Color

Hex(35906C)

Conversions

Conversions Part 1

Format	Color
Hex	35906C
RGB	53, 144, 108
RGB Percent	21%, 56%, 42%
CMY	0.7922, 0.4353, 0.5765
CMYK	0.63, 0.00, 0.25, 0.44
HSL	156°, 46%, 39%
HSV	156°, 63%, 56%
XYZ	14.1482, 21.7861, 17.6468
YIQ	112.6870, -42.6800, -30.4880

Conversions

Conversions Part 2

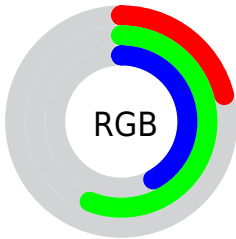
Format	Color
RYB	53, 110, 144
Decimal	3510380
CIELab	53.80, -35.87, 11.30
CIElCh	54, 37.610, 162.515
Yxy	21.7861, 0.2641, 0.4066
Android (android.graphics.Color)	4281700460 (0xFF35906C)
YUV	112.6870, -2.3107, -52.3455
Hunter-Lab	46.6756, -27.5757, 10.2569

Details

The Hex color **35906C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **903559**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6DC69F**, and **005D3C** is the 20% darker color. If you saturate the color by 10%, you get **279066**, and if you desaturate by 10%, it is **439072**.

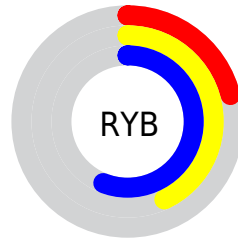
Distribution



Red (21%)

Green (56%)

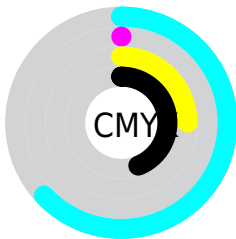
Blue (42%)



Red (21%)

Yellow (43%)

Blue (56%)

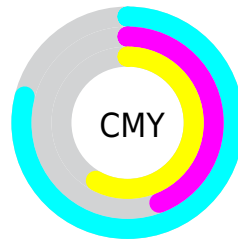


Cyan (63%)

Magenta (0%)

Yellow (25%)

Black (44%)



Cyan (79%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35906C 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 35906C by changing the saturation by 10% instead.

 35906C

 35906C

FFFFFF

 127654

 6DC69F

 005D3C

 89E3BA

 004427

 A5FFD6

 002D12

 C1FFF3

 001600

 DEFFF

 000000

 FCFFF

 35906C

 35906C

 279066

 439072

■ 189061

■ 529077

■ 0A905B

■ 60907D

■ 009057

■ 6F9083

■ 7D9088

■ 8B908E

■ 9A9094

■ A8909A

■ B7909F

Harmonies

Analogous

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



648B4F



35906C



00918E

Triad

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



35906C



657FC0



B86D56

Complementary

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



35906C



903559

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.



BE6674



35906C



9573B1

Square

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



35906C



0F89BE



B36995



A47842

Rectangle

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



35906C



0090A2



B36995



BC6A5F

Sweetspot

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



35906C



97BAAC



599035



495E56



DEDEDE



5E5E5E

Same Dimension

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



35906C



2DBA82



358790



404745



008752



000805

Inverse Universe

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



903559



BA2D65



903E35



474043



870035



080003

Previews

White Background



This preview shows how the Hex color 35906C looks on a white background.

Color Contrast Check

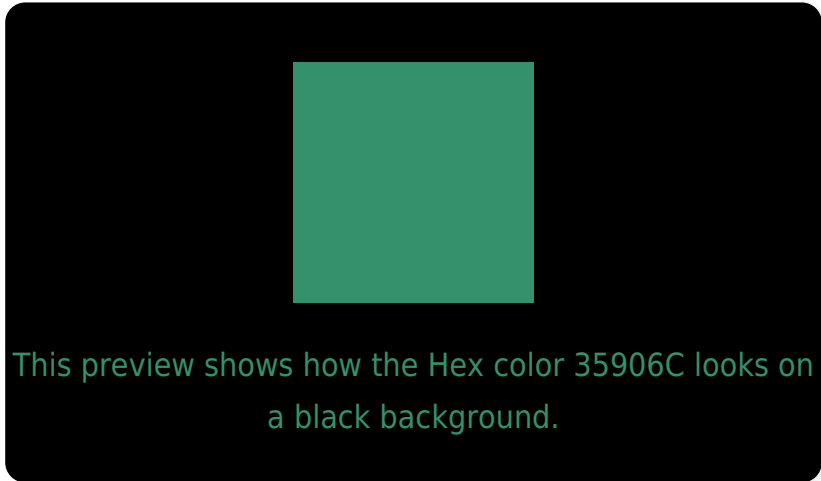
Large Text (above 18pt) WCAG AA ✓ Pass

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

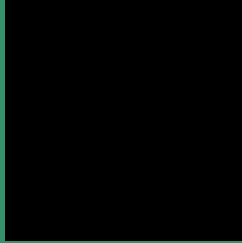
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 35906C Background



This preview shows how black text looks on a background with the Hex color 35906C.

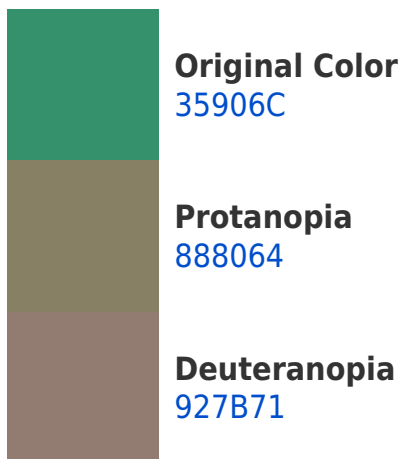


This preview shows how white text looks on a background with the Hex color 35906C.

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
448B96

Trichromacy



Original Color
35906C

Protanomaly
6A8667

Deuteranomaly
70836F

Tritanomaly
3F8D87

Monochromacy



Original Color
35906C

Achromatopsia
717171

Achromatomaly
5B7C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 35906C 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 #35906C looks like.

```
.text, #text, p{  
    color:#35906C  
}
```

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 #35906C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35906C
}
```

Border

The CSS property to change the border of an element to Hex 35906C 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
#35906C }
```

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

```
.border{ border-color:#35906C }
```

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

Here you see how a box with a 4 pixel #35906C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35906C; -webkit-box-shadow:4px 4px  
4px 4px #35906C; box-shadow:4px 4px 4px  
4px #35906C }
```

Background

The CSS property to change the background color of an element to Hex 35906C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35906C }
```

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

```
.background{ background-color:#35906C }
```

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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