

Converting Colors

Hex(36896C)

Have a look what the booklet for
Hex(36896C) contains.

Hex(36896C)	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(36896C)

Conversions

Conversions Part 1

Format	Color
Hex	36896C
RGB	54, 137, 108
RGB Percent	21%, 54%, 42%
CMY	0.7882, 0.4627, 0.5765
CMYK	0.61, 0.00, 0.21, 0.46
HSL	159°, 43%, 37%
HSV	159°, 61%, 54%
XYZ	13.1738, 19.7583, 17.3068
YIQ	108.8770, -40.1590, -26.6150

Conversions

Conversions Part 2

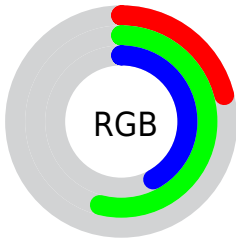
Format	Color
RYB	54, 104, 137
Decimal	3574124
CIELab	51.56, -32.46, 8.15
CIELCh	52, 33.468, 165.907
Yxy	19.7583, 0.2622, 0.3933
Android (android.graphics.Color)	4281764204 (0xFF36896C)
YUV	108.8770, -0.4324, -48.1271
Hunter-Lab	44.4503, -24.8859, 8.0306

Details

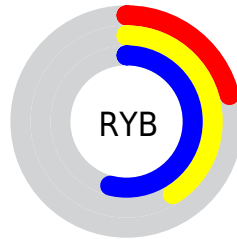
The Hex color **36896C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **893653**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6DBF9F**, and **00563D** is the 20% darker color. If you saturate the color by 10%, you get **288967**, and if you desaturate by 10%, it is **448971**.

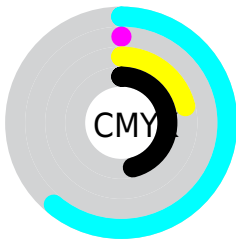
Distribution



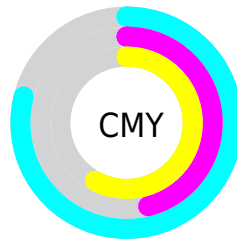
- Red (21%)
- Green (54%)
- Blue (42%)



- Red (21%)
- Yellow (41%)
- Blue (54%)



- Cyan (61%)
- Magenta (0%)
- Yellow (21%)
- Black (46%)



- Cyan (79%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36896C 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 36896C by changing the saturation by 10% instead.



36896C



36896C

FFFFFF



166F54



6DBF9F



00563D



88DBBA



003E27



A4F8D6



002812



C0FFF3



000B00



D0FFFF



000000



FAFFFF



36896C



36896C



288967



448971

■ 1B8962

■ 518976

■ 0D895E

■ 5F897A

■ 008959

■ 6D897F

■ 7B8984

■ 888989

■ 96898E

■ A48992

■ B18997

Harmonies

Analogous

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



5E8552



36896C



008A8A

Triad

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



36896C



6978B2



AB6B53

Complementary

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



36896C



893653

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.



B2646D



36896C



916EA3

Square

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



36896C



3182B2



AA668A



997543

Rectangle

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



36896C



00899C



AA668A



AF685B

Sweetspot

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



36896C



92B3A7



538936



465952



D9D9D9



595959

Same Dimension

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



36896C



30B385



367D89



3E4542



008556



000503

Inverse Universe

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



893653



B3305E



894236



453E40



85002E



050002

Previews

White Background



This preview shows how the Hex color 36896C 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

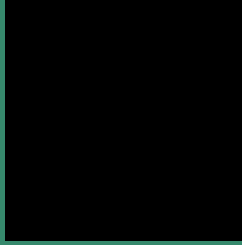
Any Text WCAG AA ✓ Pass

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 36896C Background



This preview shows how black text looks on a background with the Hex color 36896C.

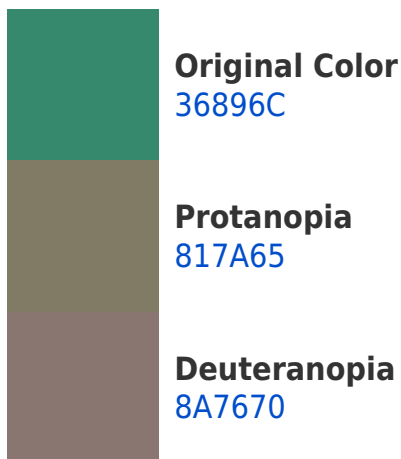



This preview shows how white text looks on a background with the Hex color 36896C.

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
42848F

Trichromacy



Original Color
36896C

Protanomaly
667F68

Deuteranomaly
6B7D6F

Tritanomaly
3E8682

Monochromacy



Original Color
36896C

Achromatopsia
6D6D6D

Achromatomaly
59776D

CSS Examples

Text

The CSS property to change the color of the text to Hex 36896C 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 #36896C looks like.

```
.text, #text, p{  
    color:#36896C  
}
```

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 #36896C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36896C
}
```

Border

The CSS property to change the border of an element to Hex 36896C 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
#36896C }
```

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

```
.border{ border-color:#36896C }
```

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

Here you see how a box with a 4 pixel #36896C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36896C; -webkit-box-shadow:4px 4px  
4px 4px #36896C; box-shadow:4px 4px 4px  
4px #36896C }
```

Background

The CSS property to change the background color of an element to Hex 36896C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36896C }
```

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

```
.background{ background-color:#36896C }
```

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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