

Converting Colors

Hex(36856C)

Have a look what the booklet for
Hex(36856C) contains.

| | |
|--|----|
| Hex(36856C) | 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(36856C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36856C |
| RGB | 54, 133, 108 |
| RGB Percent | 21%, 52%, 42% |
| CMY | 0.7882, 0.4784, 0.5765 |
| CMYK | 0.59, 0.00, 0.19, 0.48 |
| HSL | 161°, 42%, 37% |
| HSV | 161°, 59%, 52% |
| XYZ | 12.6156, 18.6420, 17.1207 |
| YIQ | 106.5290, -39.0590, -24.5230 |

Conversions

Conversions Part 2

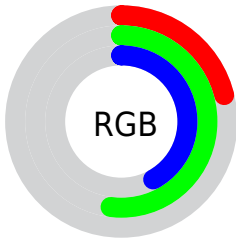
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 54, 101, 133 |
| Decimal | 3573100 |
| CIELab | 50.27, -30.58, 6.30 |
| CIElCh | 50, 31.220, 168.353 |
| Yxy | 18.6420, 0.2608, 0.3853 |
| Android (android.graphics.Color) | 4281763180 (0xFF36856C) |
| YUV | 106.5290, 0.7252, -46.0679 |
| Hunter-Lab | 43.1764, -23.4032, 6.7133 |

Details

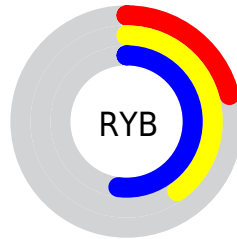
The Hex color **36856C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85364F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6CBB9F**, and **00533D** is the 20% darker color. If you saturate the color by 10%, you get **298568**, and if you desaturate by 10%, it is **438570**.

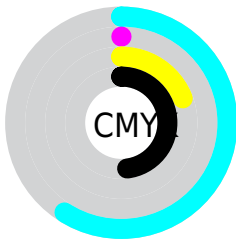
Distribution



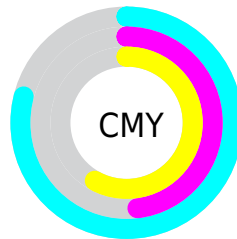
- Red (21%)
- Green (52%)
- Blue (42%)



- Red (21%)
- Yellow (40%)
- Blue (52%)



- Cyan (59%)
- Magenta (0%)
- Yellow (19%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36856C 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 36856C by changing the saturation by 10% instead.

 36856C

 36856C

FFFFFF

 176B54

 6CBB9F

 00533D

 88D7BA

 003B27

 A3F3D6

 002512

 BFFFF2

 000200

 DCFFFF

 000000

 F9FFFF

 36856C

 36856C

 298568

 438570

 1B8564

 518574

 0E855F

 5E8579

 01855B

 6B857D

 00855B

 798581

 868585

 938589

 A0858E

 AE8592

Harmonies

Analogous

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



5A8153



36856C



008687

Triad

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



36856C



6B75AA



A46951

Complementary

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



36856C



85364F

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.



AB6368



36856C



8F6B9B

Square

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



36856C



3B7DAB



A46483



927243

Rectangle

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



36856C



008498



A46483



A86758

Sweetspot

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



36856C



8EADA4



4F8536



445751



D6D6D6



575757

Same Dimension

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



36856C



32AD86



367785



3C4240



008259



000302

Inverse Universe

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



85364F



AD3259



854436



423C3E



820029



030001

Previews

White Background



This preview shows how the Hex color 36856C looks on a white background.

Color Contrast Check

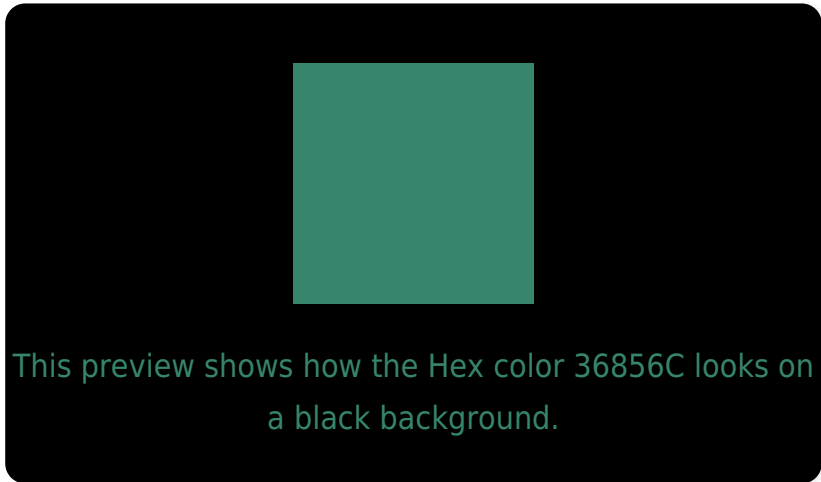
Large Text (above 18pt) WCAG AA ✓ Pass

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

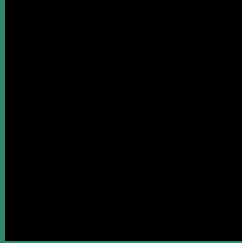
Any Text WCAG AA ✓ Pass

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 36856C Background



This preview shows how black text looks on a background with the Hex color 36856C.

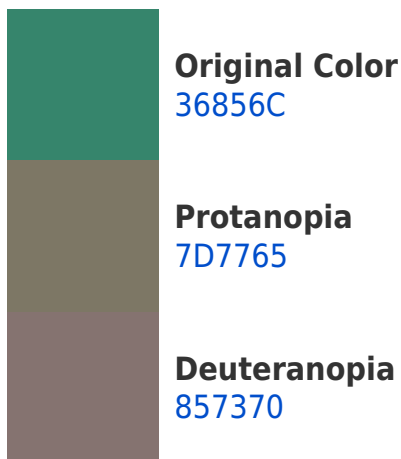


This preview shows how white text looks on a background with the Hex color 36856C.

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
41818B

Trichromacy



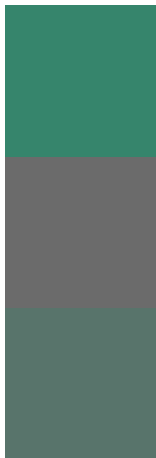
Original Color
36856C

Protanomaly
637C68

Deuteranomaly
687A6F

Tritanomaly
3D8280

Monochromacy



Original Color
36856C

Achromatopsia
6B6B6B

Achromatomaly
58746B

CSS Examples

Text

The CSS property to change the color of the text to Hex 36856C 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 #36856C looks like.

```
.text, #text, p{  
    color:#36856C  
}
```

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 #36856C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36856C
}
```

Border

The CSS property to change the border of an element to Hex 36856C 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
#36856C }
```

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

```
.border{ border-color:#36856C }
```

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

Here you see how a box with a 4 pixel #36856C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36856C; -webkit-box-shadow:4px 4px  
4px 4px #36856C; box-shadow:4px 4px 4px  
4px #36856C }
```

Background

The CSS property to change the background color of an element to Hex 36856C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36856C }
```

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

```
.background{ background-color:#36856C }
```

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