

Converting Colors

Hex(36816E)

Have a look what the booklet for
Hex(36816E) contains.

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Color

Hex(36816E)

Conversions

Conversions Part 1

Format	Color
Hex	36816E
RGB	54, 129, 110
RGB Percent	21%, 51%, 43%
CMY	0.7882, 0.4941, 0.5686
CMYK	0.58, 0.00, 0.15, 0.49
HSL	165°, 41%, 36%
HSV	165°, 58%, 51%
XYZ	12.1861, 17.6106, 17.5088
YIQ	104.4090, -38.6010, -21.8090

Conversions

Conversions Part 2

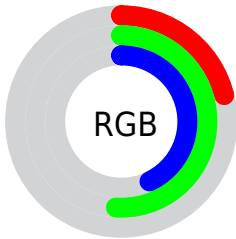
Format	Color
RYB	54, 97, 129
Decimal	3572078
CIELab	49.02, -28.14, 3.35
CIELCh	49, 28.336, 173.219
Yxy	17.6106, 0.2576, 0.3723
Android (android.graphics.Color)	4281762158 (0xFF36816E)
YUV	104.4090, 2.7564, -44.2087
Hunter-Lab	41.9650, -21.6047, 4.6383

Details

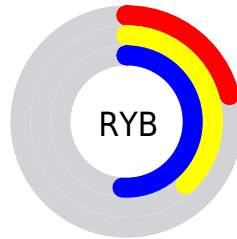
The Hex color **36816E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **813649**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CB6A2**, and **004F3F** is the 20% darker color. If you saturate the color by 10%, you get **29816B**, and if you desaturate by 10%, it is **438171**.

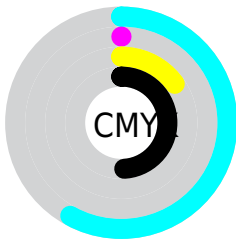
Distribution



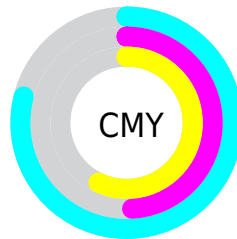
- Red (21%)
- Green (51%)
- Blue (43%)



- Red (21%)
- Yellow (38%)
- Blue (51%)



- Cyan (58%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (79%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36816E 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 36816E by changing the saturation by 10% instead.



36816E



36816E

FFFFFF



186856



6CB6A2



004F3F



87D2BD



003829



A2EFD8



002314



BFFFF5



000000



DBFFFF



F8FFFF



36816E



36816E



29816B



438171

■ 1C8167

■ 508175

■ 0F8164

■ 5D8178

■ 028161

■ 6A817B

■ 008160

■ 77817E

■ 838182

■ 908185

■ 9D8188

■ AA818B

Harmonies

Analogous

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



557E57



36816E



148187

Triad

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



36816E



6F70A0



9B694F

Complementary

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



36816E



813649

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.



A36363



36816E



8E6891

Square

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



36816E



4878A4



9F627B



897145

Rectangle

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



36816E



128095



9F627B



9F6655

Sweetspot

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



36816E



8CA8A1



4A8136



435450



D4D4D4



545454

Same Dimension

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



36816E



32A88A



366F81



39403E



00805F



000000

Inverse Universe

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



813649



A83250



814836



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 36816E looks on a white background.

Color Contrast Check

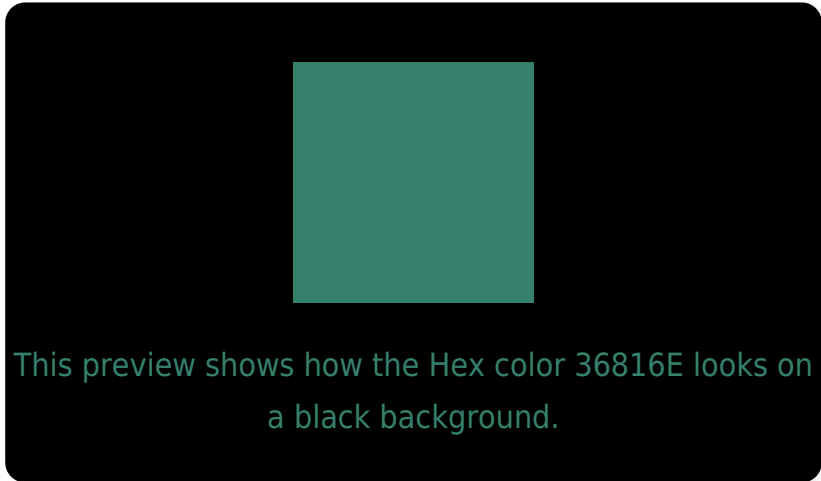
Large Text (above 18pt) WCAG AA ✓ Pass

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

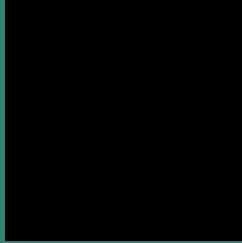
Any Text WCAG AA ✓ Pass

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 36816E Background



This preview shows how black text looks on a background with the Hex color 36816E.

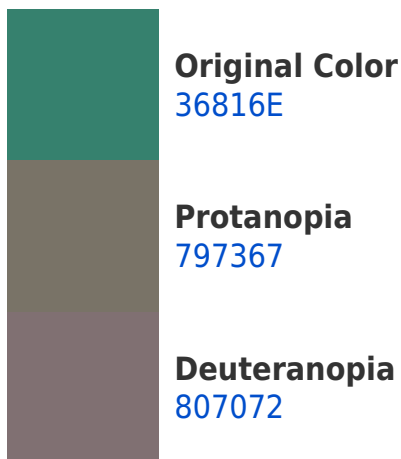


This preview shows how white text looks on a background with the Hex color 36816E.

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
3F7D88

Trichromacy



Original Color
36816E

Protanomaly
61786A

Deuteranomaly
657671

Tritanomaly
3C7E7F

Monochromacy



Original Color
36816E

Achromatopsia
686868

Achromatomaly
56716A

CSS Examples

Text

The CSS property to change the color of the text to Hex 36816E 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 #36816E looks like.

```
.text, #text, p{  
    color:#36816E  
}
```

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 #36816E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36816E
}
```

Border

The CSS property to change the border of an element to Hex 36816E 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
#36816E }
```

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

```
.border{ border-color:#36816E }
```

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

Here you see how a box with a 4 pixel #36816E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36816E; -webkit-box-shadow:4px 4px  
4px 4px #36816E; box-shadow:4px 4px 4px  
4px #36816E }
```

Background

The CSS property to change the background color of an element to Hex 36816E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36816E }
```

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

```
.background{ background-color:#36816E }
```

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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