

Converting Colors

Hex(036775)

Have a look what the booklet for
Hex(036775) contains.

Hex(036775)	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(036775)

Conversions

Conversions Part 1

Format	Color
Hex	036775
RGB	3, 103, 117
RGB Percent	1%, 40%, 46%
CMY	0.9882, 0.5961, 0.5412
CMYK	0.97, 0.12, 0.00, 0.54
HSL	187°, 95%, 24%
HSV	187°, 97%, 46%
XYZ	8.0987, 11.0042, 18.5268
YIQ	74.6960, -64.0940, -16.8460

Conversions

Conversions Part 2

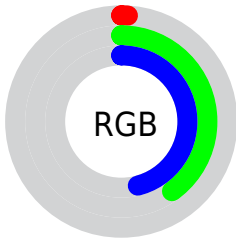
Format	Color
RYB	3, 56, 117
Decimal	223093
CIELab	39.59, -19.58, -14.99
CIELCh	40, 24.658, 217.427
Yxy	11.0042, 0.2152, 0.2924
Android (android.graphics.Color)	4278413173 (0xFF036775)
YUV	74.6960, 20.8559, -62.8774
Hunter-Lab	33.1726, -14.4734, -9.8925

Details

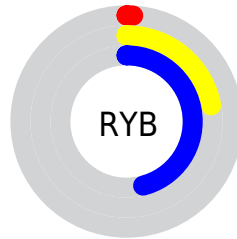
The Hex color **036775** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **751103**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4D9AA9**, and **003845** is the 20% darker color. If you saturate the color by 10%, you get **006775**, and if you desaturate by 10%, it is **0F6875**.

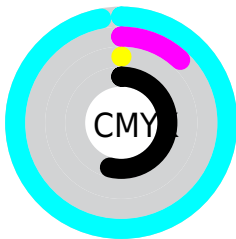
Distribution



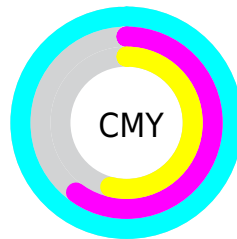
- Red (1%)
- Green (40%)
- Blue (46%)



- Red (1%)
- Yellow (22%)
- Blue (46%)



- Cyan (97%)
- Magenta (12%)
- Yellow (0%)
- Black (54%)



- Cyan (99%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 036775 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 036775 by changing the saturation by 10% instead.

036775

036775

FFFFFF

004F5C

4D9AA9

003845

69B5C4

00222E

85D1E0

00011A

A1EDFD

000000

BEFFFF

DBFFFF

F8FFFF

036775

036775

■ 006775

■ 0F6875

■ 1A6A75

■ 266B75

■ 326D75

■ 3E6E75

■ 497075

■ 557175

■ 617275

■ 6C7475

Harmonies

Analogous

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



1A6862



036775



246382

Triad

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



036775



7B506D



665E35

Complementary

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



036775



751103

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.



775738



036775



844E59

Square

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



036775



66567D



825046



50633D

Rectangle

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



036775



3D6085



825046



6C5B35

Sweetspot

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



036775



6D9499



037510



32494D



CCCCCC



4D4D4D

Same Dimension

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



036775



008699



032F75



353A3B



006B7A



00DBFA

Inverse Universe

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



750367



990086



754903



3B353A



7A006B



FA00DB

Previews

White Background



This preview shows how the Hex color 036775 looks on a white background.

Color Contrast Check

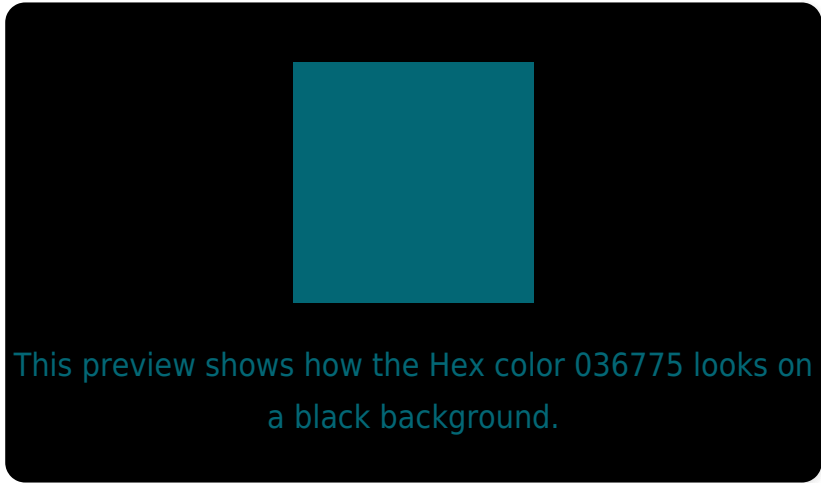
Large Text (above 18pt) WCAG AA ✓ Pass

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

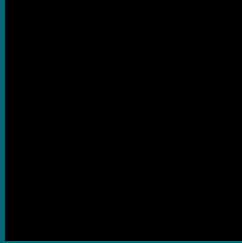
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 036775 Background



This preview shows how black text looks on a background with the Hex color 036775.

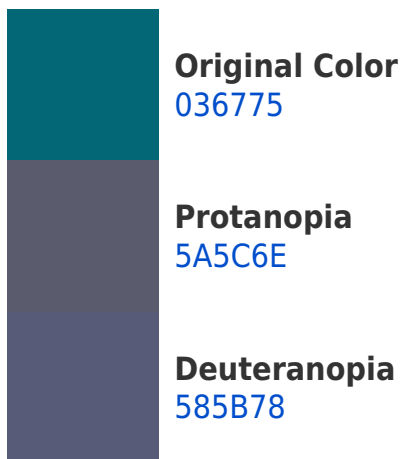


This preview shows how white text looks on a background with the Hex color 036775.

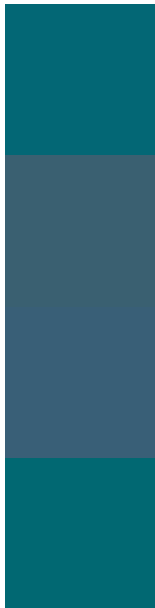
Color Blindness Simulation

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



Trichromacy



Original Color
036775

Protanomaly
3A6071

Deuteranomaly
395F77

Tritanomaly
016872

Monochromacy



Original Color
036775

Achromatopsia
4B4B4B

Achromatomaly
31555A

CSS Examples

Text

The CSS property to change the color of the text to Hex 036775 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 #036775 looks like.

```
.text, #text, p{  
    color:#036775  
}
```

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 #036775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036775
}
```

Border

The CSS property to change the border of an element to Hex 036775 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
#036775 }
```

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

```
.border{ border-color:#036775 }
```

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

Here you see how a box with a 4 pixel #036775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036775; -webkit-box-shadow:4px 4px  
4px 4px #036775; box-shadow:4px 4px 4px  
4px #036775 }
```

Background

The CSS property to change the background color of an element to Hex 036775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036775 }
```

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

```
.background{ background-color:#036775 }
```

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