

Converting Colors

Hex(036762)

Have a look what the booklet for
Hex(036762) contains.

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Color

Hex(036762)

Conversions

Conversions Part 1

Format	Color
Hex	036762
RGB	3, 103, 98
RGB Percent	1%, 40%, 38%
CMY	0.9882, 0.5961, 0.6157
CMYK	0.97, 0.00, 0.05, 0.60
HSL	177°, 94%, 21%
HSV	177°, 97%, 40%
XYZ	7.0924, 10.6017, 13.2278
YIQ	72.5300, -57.9950, -22.7550

Conversions

Conversions Part 2

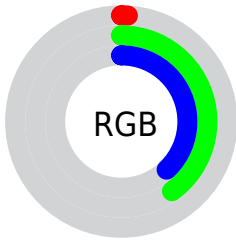
Format	Color
RYB	3, 54, 103
Decimal	223074
CIELab	38.90, -26.14, -4.40
CIELCh	39, 26.509, 189.547
Yxy	10.6017, 0.2294, 0.3429
Android (android.graphics.Color)	4278413154 (0xFF036762)
YUV	72.5300, 12.5567, -60.9778
Hunter-Lab	32.5602, -18.0988, -1.2947

Details

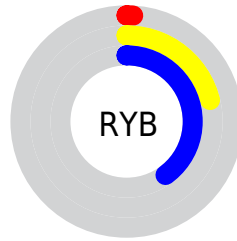
The Hex color **036762** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670308**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9B95**, and **003734** is the 20% darker color. If you saturate the color by 10%, you get **006762**, and if you desaturate by 10%, it is **0D6763**.

Distribution



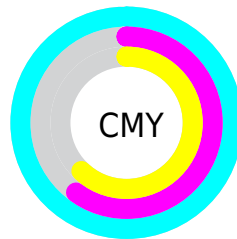
- Red (1%)
- Green (40%)
- Blue (38%)



- Red (1%)
- Yellow (21%)
- Blue (40%)



- Cyan (97%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)



- Cyan (99%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 036762 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 036762 by changing the saturation by 10% instead.

 036762

 036762


FFFFFF

 004F4A


 4A9B95

 003734

 66B6AF

 00221F

 81D1CB

 000006

 9DEEE7

 000000

 B9FFFF

 D6FFFF

 F3FFFF

 036762

 036762

■ 006762

■ 0D6763

■ 186763

■ 226764

■ 2C6764

■ 376765

■ 416765

■ 4B6766

■ 556766

■ 606767

Harmonies

Analogous

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



2F664C



036762



006676

Triad

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



036762



67537D



765533

Complementary

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



036762



670308

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.



824E41



036762



7C4D6B

Square

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



036762



475B86



854A55



635D30

Rectangle

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



036762



036480



854A55



7B5337

Sweetspot

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



036762



608785



086703



2D4544



C4C4C4



454545

Same Dimension

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



036762



008780



033A67



2E3333



00736D



00F2E6

Inverse Universe

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



670308



870007



673003



332E2E



730006



F2000C

Previews

White Background



This preview shows how the Hex color 036762 looks on a white background.

Color Contrast Check

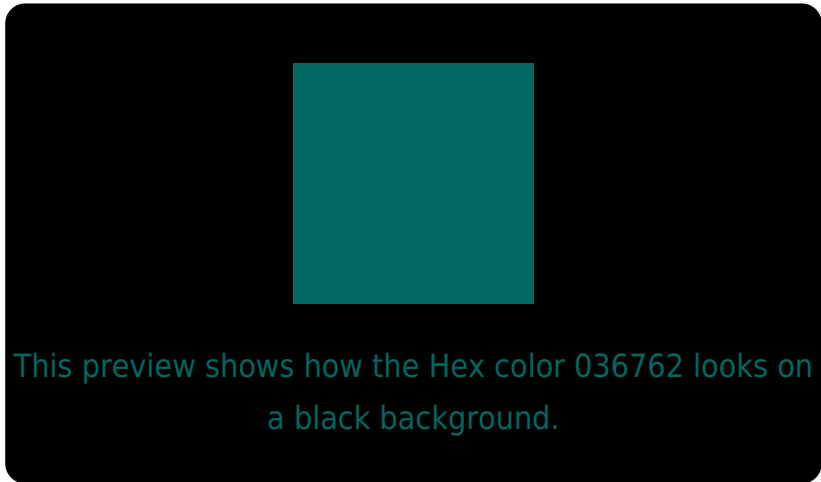
Large Text (above 18pt) WCAG AA ✓ Pass

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

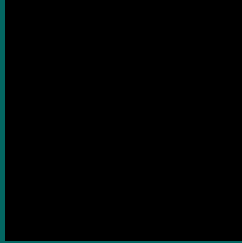
Any Text WCAG AA × Fail

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 036762 Background



This preview shows how black text looks on a background with the Hex color 036762.



This preview shows how white text looks on a background with the Hex color 036762.

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



Original Color
036762

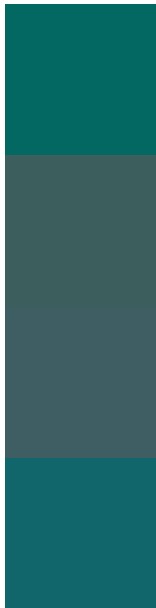
Protanopia
5D5B5B

Deuteranopia
605965



Tritanopia
17656E

Trichromacy



Original Color
036762

Protanomaly
3C5F5E

Deuteranomaly
3E5E64

Tritanomaly
10666A

Monochromacy



Original Color
036762

Achromatopsia
494949

Achromatomaly
305452

CSS Examples

Text

The CSS property to change the color of the text to Hex 036762 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 #036762 looks like.

```
.text, #text, p{  
    color:#036762  
}
```

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 #036762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036762
}
```

Border

The CSS property to change the border of an element to Hex 036762 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
#036762 }
```

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

```
.border{ border-color:#036762 }
```

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

Here you see how a box with a 4 pixel #036762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036762; -webkit-box-shadow:4px 4px  
4px 4px #036762; box-shadow:4px 4px 4px  
4px #036762 }
```

Background

The CSS property to change the background color of an element to Hex 036762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036762 }
```

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

```
.background{ background-color:#036762 }
```

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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