

# Converting Colors

Hex(056170)

Have a look what the booklet for  
Hex(056170) contains.

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# Color

**Hex(056170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	056170
RGB	5, 97, 112
RGB Percent	2%, 38%, 44%
CMY	0.9804, 0.6196, 0.5608
CMYK	0.96, 0.13, 0.00, 0.56
HSL	188°, 91%, 23%
HSV	188°, 96%, 44%
XYZ	7.2619, 9.7515, 16.8287
YIQ	71.2020, -59.6470, -14.8390

# Conversions

## Conversions Part 2

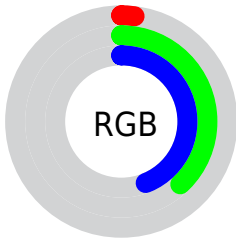
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 54, 112
Decimal	352624
CIELab	37.39, -17.98, -15.28
CIELCh	37, 23.589, 220.357
Yxy	9.7515, 0.2146, 0.2881
Android (android.graphics.Color)	4278542704 (0xFF056170)
YUV	71.2020, 20.1134, -58.0592
Hunter-Lab	31.2274, -13.1379, -10.0927

# Details

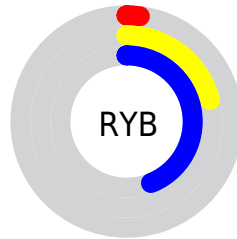
The Hex color **056170** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **701405**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4C94A4**, and **003240** is the 20% darker color. If you saturate the color by 10%, you get **006070**, and if you desaturate by 10%, it is **106370**.

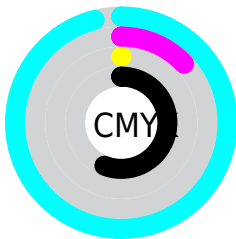
# Distribution



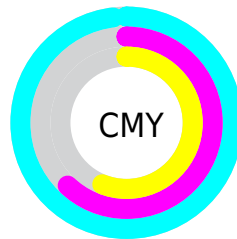
- Red (2%)
- Green (38%)
- Blue (44%)



- Red (2%)
- Yellow (21%)
- Blue (44%)



- Cyan (96%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (98%)
- Magenta (62%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 056170 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 056170 by changing the saturation by 10% instead.



056170

056170

FFFFFF

004958

4C94A4

003240

67AFBF

001E2A

83CADB

000116

9FE6F7

000000

BBFFFF

D8FFFF

F6FFFF

056170

056170

■ 006070

■ 106370

■ 1B6470

■ 276670

■ 326770

■ 3D6970

■ 486A70

■ 536C70

■ 5F6E70

■ 6A6F70

# Harmonies

## Analogous

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



16625E



056170



265D7B

# Triad

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



056170



754B65



5E5932

# Complementary

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



056170



701405

# 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.



6F5234



056170



7D4952

# Square

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



056170



635175



7A4C40



495E3A

# Rectangle

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



056170



3D5A7E



7A4C40



645732



# Sweetspot

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



056170



678B91



057013



30464A



C9C9C9



4A4A4A



# Same Dimension

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



056170



007D91



052C70



323738



006778



00D5F7



# Inverse Universe

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



700561



91007D



704905



383237



780067



F700D5



# Previews

## White Background



This preview shows how the Hex color 056170 looks on a white background.

## Color Contrast Check

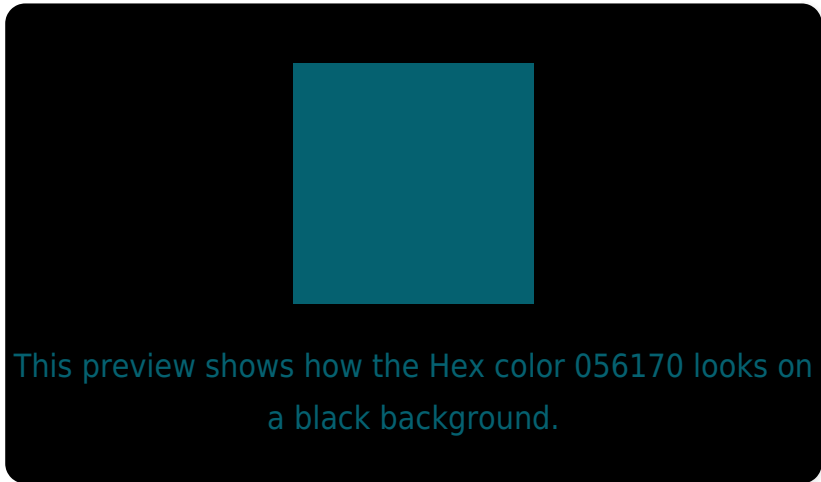
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

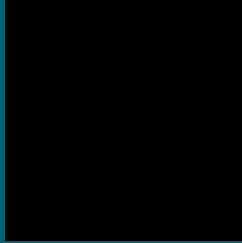
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 056170 Background



This preview shows how black text looks on a background with the Hex color 056170.

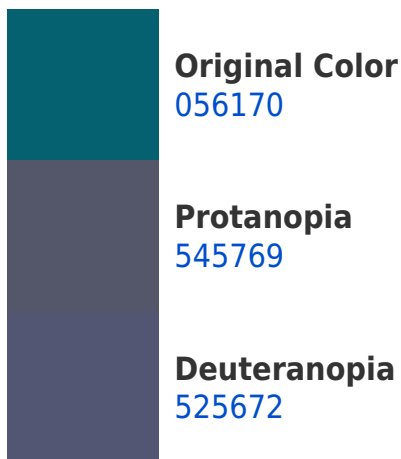


This preview shows how white text looks on a background with the Hex color 056170.

# 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](#).

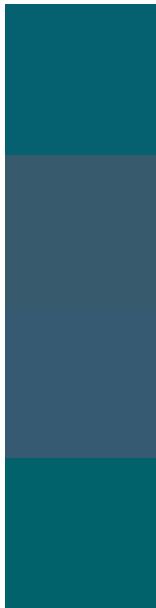
## Dichromacy





**Tritanopia**  
00626A

# Trichromacy



**Original Color**  
056170

**Protanomaly**  
375B6C

**Deuteranomaly**  
365A71

**Tritanomaly**  
02626C

# Monochromacy



**Original Color**  
056170

**Achromatopsia**  
474747

**Achromatomaly**  
2F5056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 056170 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 #056170 looks like.

```
.text, #text, p{  
    color:#056170  
}
```

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 #056170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056170
}
```

## Border

The CSS property to change the border of an element to Hex 056170 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
#056170 }
```

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

```
.border{ border-color:#056170 }
```

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

Here you see how a box with a 4 pixel #056170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056170; -webkit-box-shadow:4px 4px  
4px 4px #056170; box-shadow:4px 4px 4px  
4px #056170 }
```

# Background

The CSS property to change the background color of an element to Hex 056170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056170 }
```

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

```
.background{ background-color:#056170 }
```

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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