

# Converting Colors

Hex(056555)

Have a look what the booklet for  
Hex(056555) contains.

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# Color

**Hex(056555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	056555
RGB	5, 101, 85
RGB Percent	2%, 40%, 33%
CMY	0.9804, 0.6039, 0.6667
CMYK	0.95, 0.00, 0.16, 0.60
HSL	170°, 91%, 21%
HSV	170°, 95%, 40%
XYZ	6.3560, 9.9955, 10.1887
YIQ	70.4720, -52.0800, -25.3280

# Conversions

## Conversions Part 2

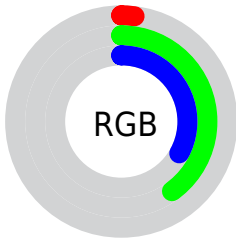
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 57, 101
Decimal	353621
CIELab	37.83, -29.10, 2.02
CIELCh	38, 29.167, 176.031
Yxy	9.9955, 0.2395, 0.3766
Android (android.graphics.Color)	4278543701 (0xFF056555)
YUV	70.4720, 7.1623, -57.4189
Hunter-Lab	31.6157, -19.4421, 3.0238

# Details

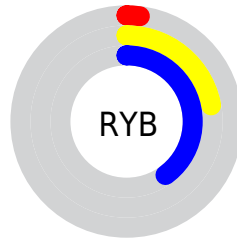
The Hex color **056555** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **650515**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **499987**, and **003528** is the 20% darker color. If you saturate the color by 10%, you get **006554**, and if you desaturate by 10%, it is **0F6557**.

# Distribution



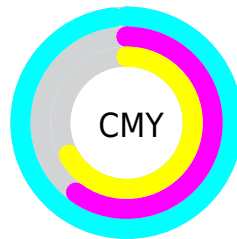
- Red (2%)
- Green (40%)
- Blue (33%)



- Red (2%)
- Yellow (22%)
- Blue (40%)



- Cyan (95%)
- Magenta (0%)
- Yellow (16%)
- Black (60%)



- Cyan (98%)
- Magenta (60%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 056555 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 056555 by changing the saturation by 10% instead.



 056555

 056555

FFFFFF

 004D3E

 499987

 003528

 64B4A1

 002114

 7FCFBC

 000000

 9BEC D7

 B7FFF4

 D4FFFF

 F1FFFF

 056555

 056555

■ 006554

■ 0F6557

■ 196558

■ 23655A

■ 2D655C

■ 37655D

■ 42655F

■ 4C6561

■ 566562

■ 606564

# Harmonies

## Analogous

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



36633E



056555



00656D

# Triad

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



056555



565483



7C4E33

# Complementary

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



056555



650515

# 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.



854746



056555



734B74

# Square

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



056555



2A5C88



83465D



6A5729

# Rectangle

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



056555



00637A



83465D



804B38



# Sweetspot

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



056555



5C827C



156505



2B423E



C2C2C2



424242



# Same Dimension

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



056555



00826C



054565



2E3332



007360



00F2CA



# Inverse Universe

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



650515



820016



652505



332E2F



730013

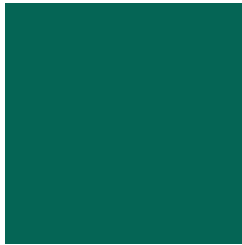


F20028



# Previews

## White Background



This preview shows how the Hex color 056555 looks on a white background.

## Color Contrast Check

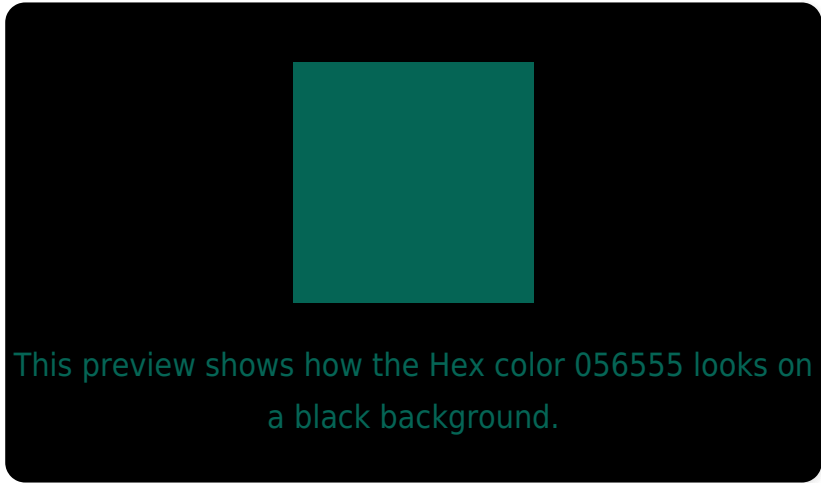
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

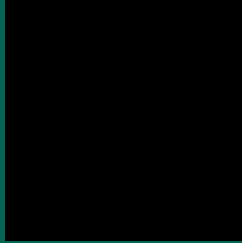
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 056555 Background



This preview shows how black text looks on a background with the Hex color 056555.

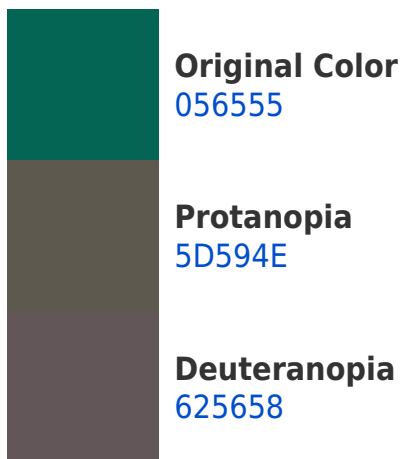



This preview shows how white text looks on a background with the Hex color 056555.

# 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**  
1D626A

# Trichromacy



**Original Color**  
056555

**Protanomaly**  
3D5D51

**Deuteranomaly**  
405B57

**Tritanomaly**  
146362

# Monochromacy



**Original Color**  
056555

**Achromatopsia**  
464646

**Achromatomaly**  
2E514B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 056555 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 #056555 looks like.

```
.text, #text, p{  
    color:#056555  
}
```

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 #056555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056555
}
```

## Border

The CSS property to change the border of an element to Hex 056555 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
#056555 }
```

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

```
.border{ border-color:#056555 }
```

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

Here you see how a box with a 4 pixel #056555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056555; -webkit-box-shadow:4px 4px  
4px 4px #056555; box-shadow:4px 4px 4px  
4px #056555 }
```

# Background

The CSS property to change the background color of an element to Hex 056555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056555 }
```

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

```
.background{ background-color:#056555 }
```

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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