

# Converting Colors

Hex(055D85)

Have a look what the booklet for  
Hex(055D85) contains.

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# Color

**Hex(055D85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	055D85
RGB	5, 93, 133
RGB Percent	2%, 36%, 52%
CMY	0.9804, 0.6353, 0.4784
CMYK	0.96, 0.30, 0.00, 0.48
HSL	199°, 93%, 27%
HSV	199°, 96%, 52%
XYZ	8.2106, 9.5544, 23.6017
YIQ	71.2480, -65.2880, -6.2160

# Conversions

## Conversions Part 2

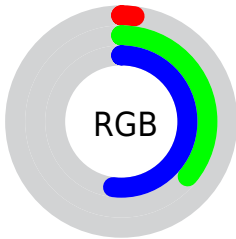
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 57, 133
Decimal	351621
CIE Lab	37.03, -7.55, -28.71
CIE LCh	37, 29.686, 255.263
Yxy	9.5544, 0.1985, 0.2310
Android (android.graphics.Color)	4278541701 (0xFF055D85)
YUV	71.2480, 30.4437, -58.0995
Hunter-Lab	30.9102, -6.6786, -23.6342

# Details

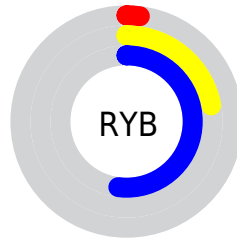
The Hex color **055D85** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **852D05**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **508FBA**, and **002F53** is the 20% darker color. If you saturate the color by 10%, you get **005B85**, and if you desaturate by 10%, it is **126185**.

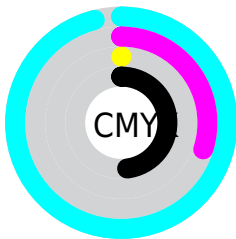
# Distribution



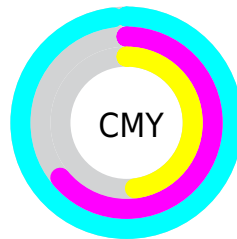
- Red (2%)
- Green (36%)
- Blue (52%)



- Red (2%)
- Yellow (22%)
- Blue (52%)



- Cyan (96%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (98%)
- Magenta (64%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 055D85 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 055D85 by changing the saturation by 10% instead.



055D85

055D85

FFFFFF

00466C

508FBA

002F53

6CAAD6

001B3C

89C5F3

000226

A5E1FF

00010F

C2FDFF

000000

DFFFFF

FDFFFF

055D85

055D85

■ 005B85

■ 126185

■ 206585

■ 2D6985

■ 3A6E85

■ 487285

■ 557685

■ 627A85

■ 6F7E85

■ 7D8285

# Harmonies

## Analogous

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



006278



055D85



465585

# Triad

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



055D85



85444C



3F5F34

# Complementary

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



055D85



852D05

# 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.



5A5A27



055D85



7F4936

# Square

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



055D85



7E4564



705228



19634A

# Rectangle

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



055D85



5F4F7E



705228



485E2F



# Sweetspot

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



055D85



7B9EAD



05852B



384D57



D6D6D6



575757



# Same Dimension

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



055D85



0077AD



051F85



3C4042



005982



000203



# Inverse Universe

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



85055D



AD0077



856B05



423C40



820059



030002



# Previews

## White Background



This preview shows how the Hex color 055D85 looks on a white background.

## Color Contrast Check

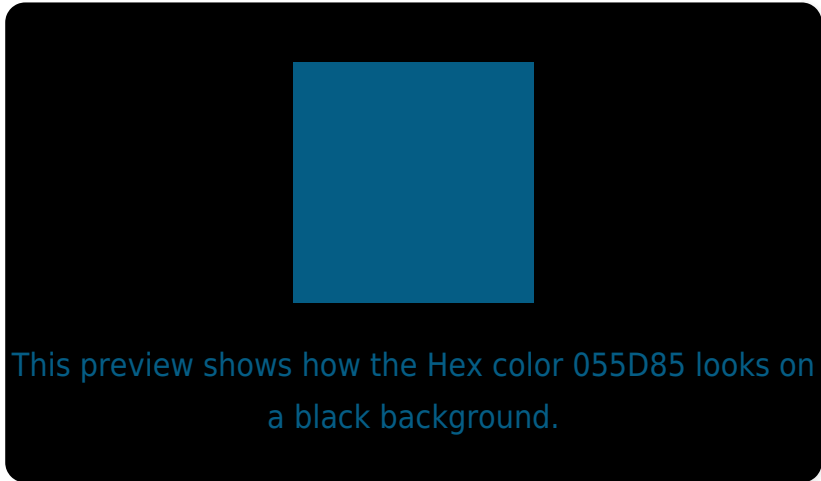
Large Text (above 18pt) WCAG AA ✓ Pass

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

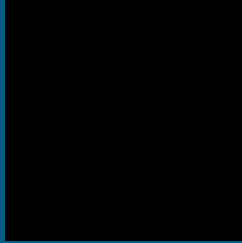
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 055D85 Background



This preview shows how black text looks on a background with the Hex color 055D85.

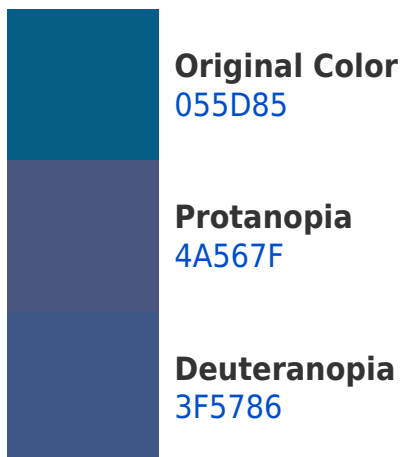


This preview shows how white text looks on a background with the Hex color 055D85.

# 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](#).

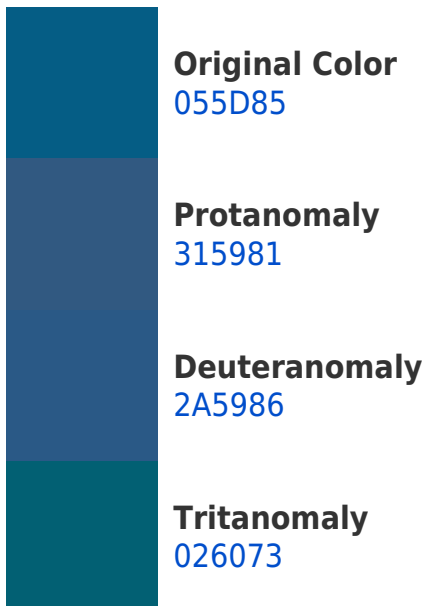
## Dichromacy





**Tritanopia**  
006168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 055D85 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 #055D85 looks like.

```
.text, #text, p{  
    color:#055D85  
}
```

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 #055D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055D85
}
```

## Border

The CSS property to change the border of an element to Hex 055D85 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
#055D85 }
```

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

```
.border{ border-color:#055D85 }
```

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

Here you see how a box with a 4 pixel #055D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055D85; -webkit-box-shadow:4px 4px  
4px 4px #055D85; box-shadow:4px 4px 4px  
4px #055D85 }
```

# Background

The CSS property to change the background color of an element to Hex 055D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055D85 }
```

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

```
.background{ background-color:#055D85 }
```

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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