

# Converting Colors

Hex(035463)

Have a look what the booklet for  
Hex(035463) contains.

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# Color

Hex(035463)

# Conversions

## Conversions Part 1

Format	Color
Hex	035463
RGB	3, 84, 99
RGB Percent	1%, 33%, 39%
CMY	0.9882, 0.6706, 0.6118
CMYK	0.97, 0.15, 0.00, 0.61
HSL	189°, 94%, 20%
HSV	189°, 97%, 39%
XYZ	5.4600, 7.2609, 12.9181
YIQ	61.4910, -53.0910, -12.5070

# Conversions

## Conversions Part 2

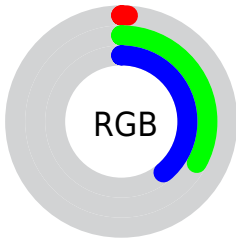
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 47, 99
Decimal	218211
CIE <sub>Lab</sub>	32.39, -15.67, -14.84
CIE <sub>LCh</sub>	32, 21.579, 223.441
Yxy	7.2609, 0.2130, 0.2832
Android (android.graphics.Color)	4278408291 (0xFF035463)
YUV	61.4910, 18.4919, -51.2966
Hunter-Lab	26.9460, -10.9864, -9.5619

# Details

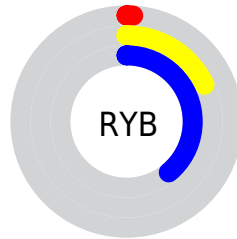
The Hex color **035463** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **631203**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **468696**, and **002734** is the 20% darker color. If you saturate the color by 10%, you get **005463**, and if you desaturate by 10%, it is **0D5663**.

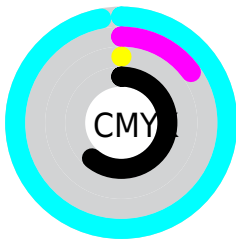
# Distribution



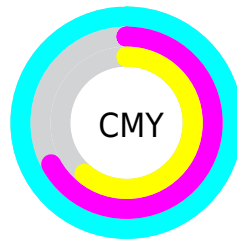
- Red (1%)
- Green (33%)
- Blue (39%)



- Red (1%)
- Yellow (18%)
- Blue (39%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (61%)



- Cyan (99%)
- Magenta (67%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 035463 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 035463 by changing the saturation by 10% instead.



035463

035463

FFFFFF

003D4B

468696

002734

62A0B0

00111F

7DBBCC

000004

98D7E8

000000

B4F3FF

D1FFFF

EEFFFF

035463

035463

■ 005463

■ 0D5663

■ 175763

■ 215963

■ 2B5A63

■ 355C63

■ 3E5D63

■ 485F63

■ 526063

■ 5C6263

# Harmonies

## Analogous

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



0D5553



035463



22516C

# Triad

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



035463



674056



504E2B

# Complementary

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



035463



631203

# 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.



5F482C



035463



6D3F45

# Square

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



035463



584565



6A4236



3D5233

# Rectangle

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



035463



374D6E



6A4236



554C2A



# Sweetspot

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



035463



5B7A80



036311



293C40



BFBFBF



404040



# Same Dimension

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



035463



006C80



032563



2C3030



005F70



00CAF0



# Inverse Universe

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



630354



80006C



634103



302C30



70005F



F000CA



# Previews

## White Background



This preview shows how the Hex color 035463 looks on a white background.

## Color Contrast Check

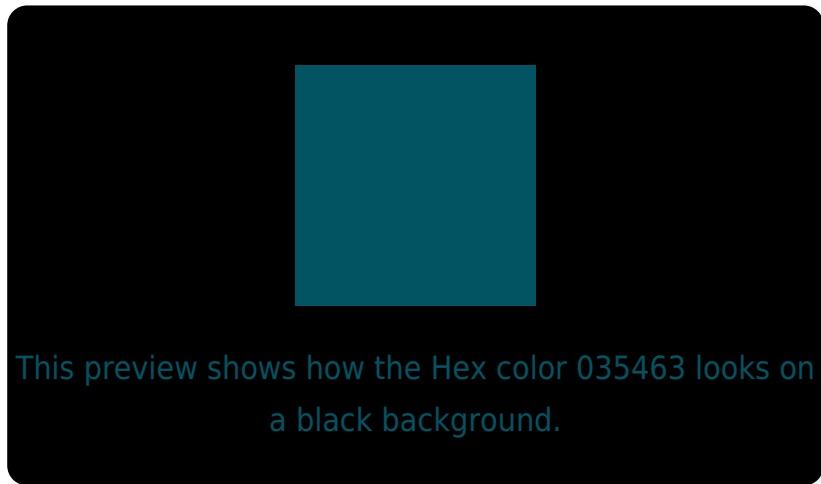
Large Text (above 18pt) WCAG AA ✓ Pass

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

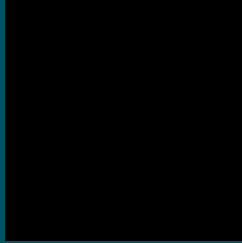
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 035463 Background



This preview shows how black text looks on a background with the Hex color 035463.

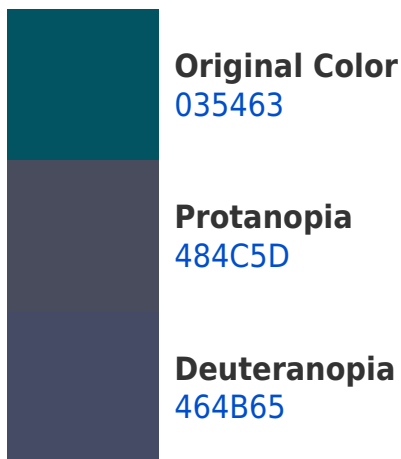



This preview shows how white text looks on a background with the Hex color 035463.

# 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](#).

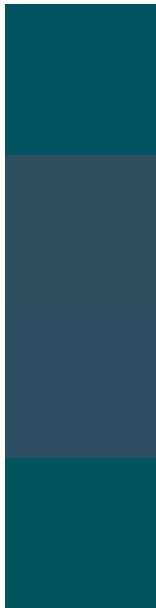
## Dichromacy





**Tritanopia**  
00555C

# Trichromacy



**Original Color**  
035463

**Protanomaly**  
2F4F5F

**Deuteranomaly**  
2E4E64

**Tritanomaly**  
01555F

# Monochromacy



**Original Color**  
035463

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
28454B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 035463 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 #035463 looks like.

```
.text, #text, p{  
    color:#035463  
}
```

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 #035463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #035463
}
```

## Border

The CSS property to change the border of an element to Hex 035463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

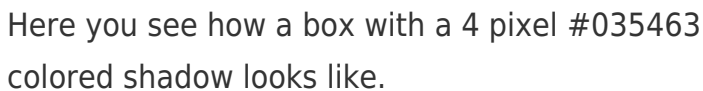
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#035463 }
```

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

```
.border{ border-color:#035463 }
```

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



Here you see how a box with a 4 pixel #035463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #035463; -webkit-box-shadow:4px 4px  
4px 4px #035463; box-shadow:4px 4px 4px  
4px #035463 }
```

# Background

The CSS property to change the background color of an element to Hex 035463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#035463 }
```

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

```
.background{ background-color:#035463 }
```

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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