

# Converting Colors

Hex(005164)

Have a look what the booklet for  
Hex(005164) contains.

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# Color

**Hex(005164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005164
RGB	0, 81, 100
RGB Percent	0%, 32%, 39%
CMY	1.0000, 0.6824, 0.6078
CMYK	1.00, 0.19, 0.00, 0.61
HSL	191°, 100%, 20%
HSV	191°, 100%, 39%
XYZ	5.2427, 6.8050, 13.0938
YIQ	58.9470, -54.3750, -11.2630

# Conversions

## Conversions Part 2

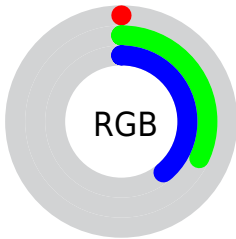
Format	Color
<a href="#">RYB</a>	<a href="#">0, 45, 100</a>
Decimal	<a href="#">20836</a>
CIELab	<a href="#">31.36, -13.80, -17.07</a>
CIELCh	<a href="#">31, 21.948, 231.035</a>
Yxy	<a href="#">6.8050, 0.2085, 0.2707</a>
Android (android.graphics.Color)	<a href="#">4278210916 (0xFF005164)</a>
YUV	<a href="#">58.9470, 20.2391, -51.6965</a>
Hunter-Lab	<a href="#">26.0863, -9.7771, -11.4996</a>

# Details

The Hex color **005164** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **641300**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **458297**, and **002435** is the 20% darker color. If you saturate the color by 10%, you get **005164**, and if you desaturate by 10%, it is **0A5364**.

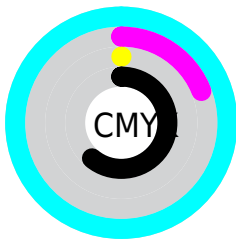
# Distribution



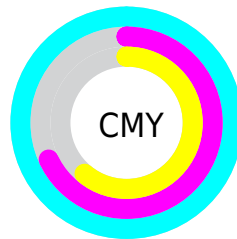
- Red (0%)
- Green (32%)
- Blue (39%)



- Red (0%)
- Yellow (18%)
- Blue (39%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (68%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005164 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 005164 by changing the saturation by 10% instead.



 005164

 005164

FFFFFF

 003A4C

 458297

 002435

 609DB2

 000B20

 7BB7CD

 000005

 97D3E9

 000000

 B3EFFF

 CFFFFF

 ECFFFF

 005164

■ 0A5364

■ 145564

■ 1E5764

■ 285964

■ 325A64

■ 3C5C64

■ 465E64

■ 506064

■ 5A6264

# Harmonies

## Analogous

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



005356



005164



264D6B

# Triad

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



005164



683D50



494D29

# Complementary

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



005164



641300

# 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.



5A4728



005164



6B3D3E

# Square

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



005164



5A4160



664130



355034

# Rectangle

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



005164



3B496B



664130



4F4B27



# Sweetspot

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



005164



5B7B82



006412



2A3E42



C2C2C2



424242



# Same Dimension

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



005164



006982



002064



2E3233



005D73



00C4F2



# Inverse Universe

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



640051



820069



644400



332E32



73005D



F200C4



# Previews

## White Background



This preview shows how the Hex color 005164 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

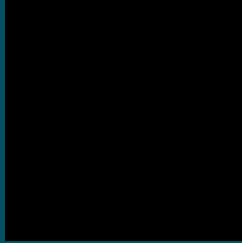
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

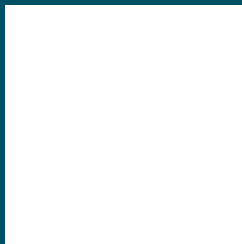
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005164 Background



This preview shows how black text looks on a background with the Hex color 005164.

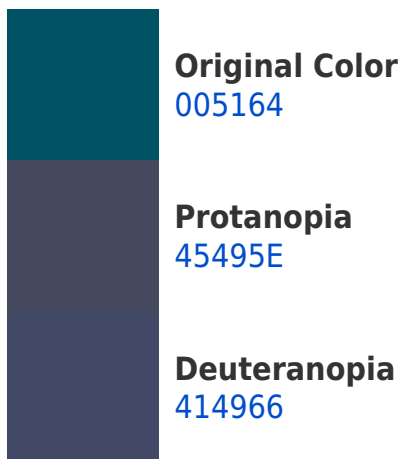


This preview shows how white text looks on a background with the Hex color 005164.

# Color Blindness Simulation

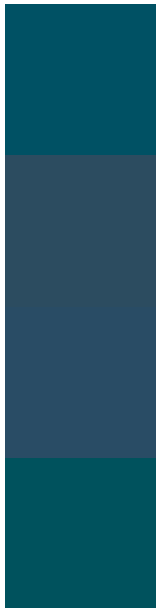
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
005164

**Protanomaly**  
2C4C60

**Deuteranomaly**  
294C65

**Tritanomaly**  
00525D

# Monochromacy



**Original Color**  
005164

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
26434A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005164 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 #005164 looks like.

```
.text, #text, p{  
    color:#005164  
}
```

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 #005164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005164
}
```

## Border

The CSS property to change the border of an element to Hex 005164 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
#005164 }
```

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

```
.border{ border-color:#005164 }
```

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

Here you see how a box with a 4 pixel #005164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005164; -webkit-box-shadow:4px 4px  
4px 4px #005164; box-shadow:4px 4px 4px  
4px #005164 }
```

# Background

The CSS property to change the background color of an element to Hex 005164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005164 }
```

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

```
.background{ background-color:#005164 }
```

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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