

# Converting Colors

Hex(005274)

Have a look what the booklet for  
Hex(005274) contains.

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# Color

**Hex(005274)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005274
RGB	0, 82, 116
RGB Percent	0%, 32%, 45%
CMY	1.0000, 0.6784, 0.5451
CMYK	1.00, 0.29, 0.00, 0.55
HSL	198°, 100%, 23%
HSV	198°, 100%, 45%
XYZ	6.1697, 7.2955, 17.6060
YIQ	61.3580, -59.7860, -6.8100

# Conversions

## Conversions Part 2

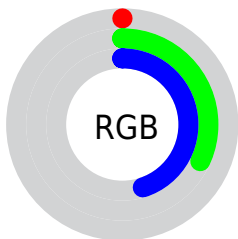
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 116
Decimal	21108
CIELab	32.47, -7.98, -25.39
CIElCh	32, 26.614, 252.554
Yxy	7.2955, 0.1986, 0.2348
Android (android.graphics.Color)	4278211188 (0xFF005274)
YUV	61.3580, 26.9385, -53.8110
Hunter-Lab	27.0103, -6.4950, -19.7396

# Details

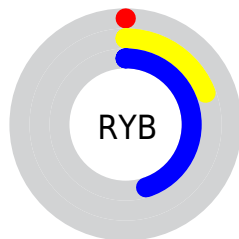
The Hex color **005274** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **742200**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4983A8**, and **002544** is the 20% darker color. If you saturate the color by 10%, you get **005274**, and if you desaturate by 10%, it is **0C5574**.

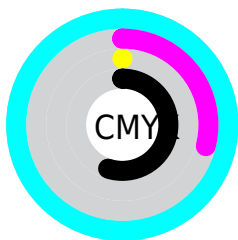
# Distribution



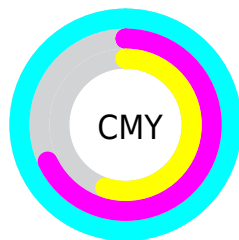
- Red (0%)
- Green (32%)
- Blue (45%)



- Red (0%)
- Yellow (19%)
- Blue (45%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (68%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005274 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 005274 by changing the saturation by 10% instead.



005274

005274

FFFFFF

003B5B

4983A8

002544

659DC4

00112D

81B8E0

000118

9DD4FC

000000

B9F0FF

D6FFFF

F3FFFF

005274

■ 0C5574

■ 175974

■ 235C74

■ 2E6074

■ 3A6374

■ 466674

■ 516A74

■ 5D6D74

■ 687174

# Harmonies

## Analogous

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



005668



005274



3A4C75

# Triad

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



005274



743B44



39532D

# Complementary

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



005274



742200

# 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.



514E22



005274



704031

# Square

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



005274



6D3D59



634724



1B563F

# Rectangle

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



005274



504670



634724



425228



# Sweetspot

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



005274



698996



007421



31444D



CCCCCC



4D4D4D



# Same Dimension

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



005274



006A96



001974



35393B



00577A



00B1FA



# Inverse Universe

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



740052



96006A



745B00



3B3539



7A0057



FA00B1



# Previews

## White Background



This preview shows how the Hex color 005274 looks on a white background.

## Color Contrast Check

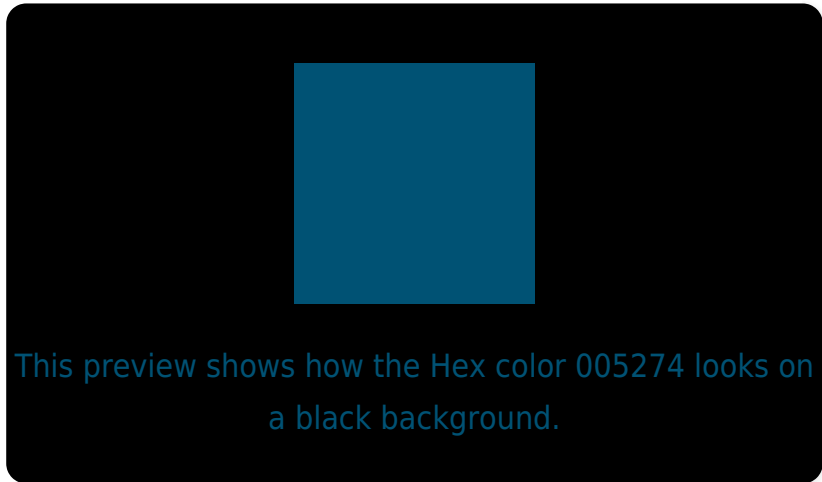
Large Text (above 18pt) WCAG AA ✓ Pass

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

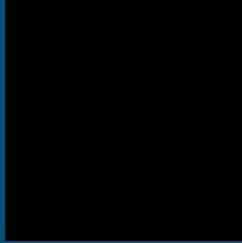
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005274 Background



This preview shows how black text looks on a background with the Hex color 005274.

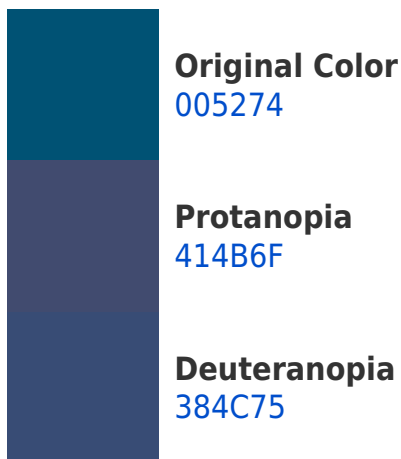



This preview shows how white text looks on a background with the Hex color 005274.

# 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**  
005274

**Protanomaly**  
294E71

**Deuteranomaly**  
244E75

**Tritanomaly**  
005465

# Monochromacy



**Original Color**  
005274

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
274551

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005274 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 #005274 looks like.

```
.text, #text, p{  
    color:#005274  
}
```

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 #005274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005274
}
```

## Border

The CSS property to change the border of an element to Hex 005274 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
#005274 }
```

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

```
.border{ border-color:#005274 }
```

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

Here you see how a box with a 4 pixel #005274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005274; -webkit-box-shadow:4px 4px  
4px 4px #005274; box-shadow:4px 4px 4px  
4px #005274 }
```

# Background

The CSS property to change the background color of an element to Hex 005274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005274 }
```

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

```
.background{ background-color:#005274 }
```

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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