

Converting Colors

Hex(005884)

Have a look what the booklet for
Hex(005884) contains.

Hex(005884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005884)

Conversions

Conversions Part 1

Format	Color
Hex	005884
RGB	0, 88, 132
RGB Percent	0%, 35%, 52%
CMY	1.0000, 0.6549, 0.4824
CMYK	1.00, 0.33, 0.00, 0.48
HSL	200°, 100%, 26%
HSV	200°, 100%, 52%
XYZ	7.6546, 8.6454, 23.0951
YIQ	66.7040, -66.5720, -4.9720

Conversions

Conversions Part 2

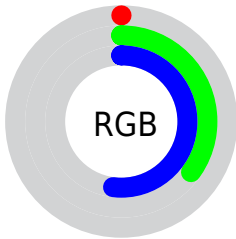
Format	Color
RYB	0, 53, 132
Decimal	22660
CIELab	35.29, -5.17, -30.84
CIELCh	35, 31.270, 260.492
Yxy	8.6454, 0.1943, 0.2195
Android (android.graphics.Color)	4278212740 (0xFF005884)
YUV	66.7040, 32.1909, -58.4994
Hunter-Lab	29.4030, -4.9859, -25.9881

Details

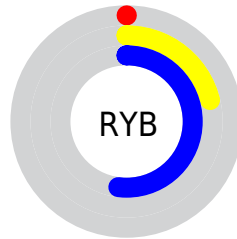
The Hex color **005884** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **842C00**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4E8AB9**, and **002B52** is the 20% darker color. If you saturate the color by 10%, you get **005884**, and if you desaturate by 10%, it is **0D5C84**.

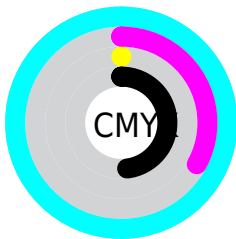
Distribution



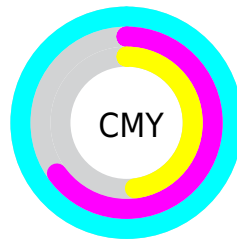
- Red (0%)
- Green (35%)
- Blue (52%)



- Red (0%)
- Yellow (21%)
- Blue (52%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005884 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 005884 by changing the saturation by 10% instead.

005884

005884

FFFFFF

00416B

4E8AB9

002B52

6AA4D5

00173B

87BFF2

000225

A3DBFF

00010D

C0F7FF

000000

DDFFFF

FBFFFF

005884

 0D5C84

 1A6184

 286584

 356A84

 426E84

 4F7284

 5C7784

 6A7B84

 778084

Harmonies

Analogous

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



005D79



005884



485082

Triad

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



005884



823F43



335C32

Complementary

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



005884



842C00

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.



515722



005884



7A462D

Square

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



005884



7D3F5C



684F20



005F4A

Rectangle

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



005884



604979



684F20



3E5B2C

Sweetspot

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



005884



789AAB



00842C



374C57



D6D6D6



575757

Same Dimension

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



005884



0072AB



001684



3C4042



005782



000203

Inverse Universe

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



840058



AB0072



846E00



423C40



820057



030002

Previews

White Background



This preview shows how the Hex color 005884 looks on a white background.

Color Contrast Check

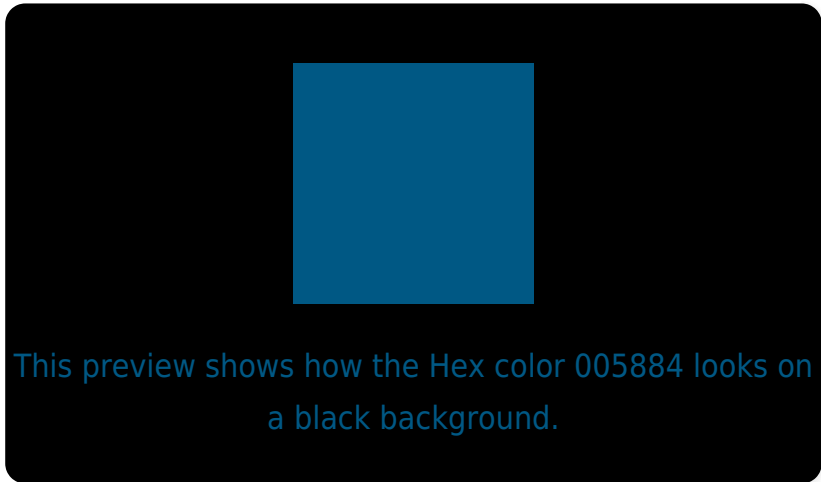
Large Text (above 18pt) WCAG AA ✓ Pass

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

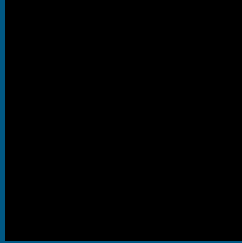
Any Text WCAG AA × Fail

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 005884 Background



This preview shows how black text looks on a background with the Hex color 005884.



This preview shows how white text looks on a background with the Hex color 005884.

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
005C63

Trichromacy



Original Color
005884

Protanomaly
2B5480

Deuteranomaly
225585

Tritanomaly
005B6F

Monochromacy



Original Color
005884

Achromatopsia
434343

Achromatomaly
2B4B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 005884 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 #005884 looks like.

```
.text, #text, p{  
    color:#005884  
}
```

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 #005884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005884
}
```

Border

The CSS property to change the border of an element to Hex 005884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

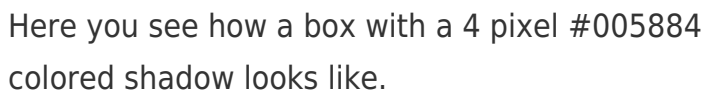
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005884 }
```

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

```
.border{ border-color:#005884 }
```

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



Here you see how a box with a 4 pixel #005884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005884; -webkit-box-shadow:4px 4px  
4px 4px #005884; box-shadow:4px 4px 4px  
4px #005884 }
```

Background

The CSS property to change the background color of an element to Hex 005884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005884 }
```

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

```
.background{ background-color:#005884 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor