

# Converting Colors

Hex(055598)

Have a look what the booklet for  
Hex(055598) contains.

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# Color

**Hex(055598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	055598
RGB	5, 85, 152
RGB Percent	2%, 33%, 60%
CMY	0.9804, 0.6667, 0.4039
CMYK	0.97, 0.44, 0.00, 0.40
HSL	207°, 94%, 31%
HSV	207°, 97%, 60%
XYZ	8.9786, 8.7963, 30.9304
YIQ	68.7180, -69.1870, 3.8770

# Conversions

## Conversions Part 2

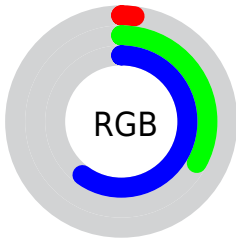
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 57, 152
Decimal	349592
CIELab	35.59, 5.35, -42.53
CIELCh	36, 42.862, 277.169
Yxy	8.7963, 0.1843, 0.1806
Android (android.graphics.Color)	4278539672 (0xFF055598)
YUV	68.7180, 41.0580, -55.8807
Hunter-Lab	29.6585, 2.1353, -41.0717

# Details

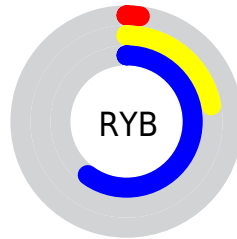
The Hex color **055598** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **984805**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5586CF**, and **002964** is the 20% darker color. If you saturate the color by 10%, you get **005398**, and if you desaturate by 10%, it is **145C98**.

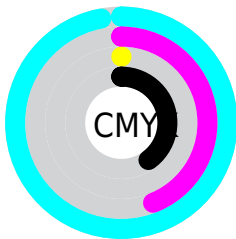
# Distribution



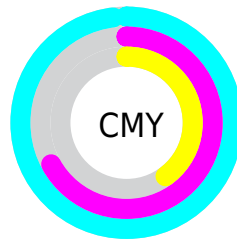
- Red (2%)
- Green (33%)
- Blue (60%)



- Red (2%)
- Yellow (22%)
- Blue (60%)



- Cyan (97%)
- Magenta (44%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (67%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 055598 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 055598 by changing the saturation by 10% instead.



■ 055598

■ 055598

FFFFFF

■ 003E7E

■ 5586CF

■ 002964

■ 72A0EB

■ 00154C

■ 8FB8FF

■ 000535

■ ACD7FF

■ 00021F

■ C9F3FF

■ 000001

■ E7FFFF

■ 000000

■ 055598

■ 055598

■ 005398

■ 145C98

■ 236398

■ 336A98

■ 427198

■ 517898

■ 607F98

■ 6F8598

■ 7F8C98

■ 8E9398

# Harmonies

## Analogous

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



005E93



055598



5F478B

# Triad

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



055598



8C3A2C



006238

# Complementary

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



055598



984805

# 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.



395D18



055598



7A4810

# Square

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



055598



91324D



5D5503



00645B

# Rectangle

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



055598



7A3C79



5D5503



10612C



# Sweetspot

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



055598



8BAAC4



059847



415463



E3E3E3



636363



# Same Dimension

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



055598



006BC4



050C98



45494D



004C8C



00070D



# Inverse Universe

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



980555



C4006B



989105



4D4549



8C004C



0D0007



# Previews

## White Background



This preview shows how the Hex color 055598 looks on a white background.

## Color Contrast Check

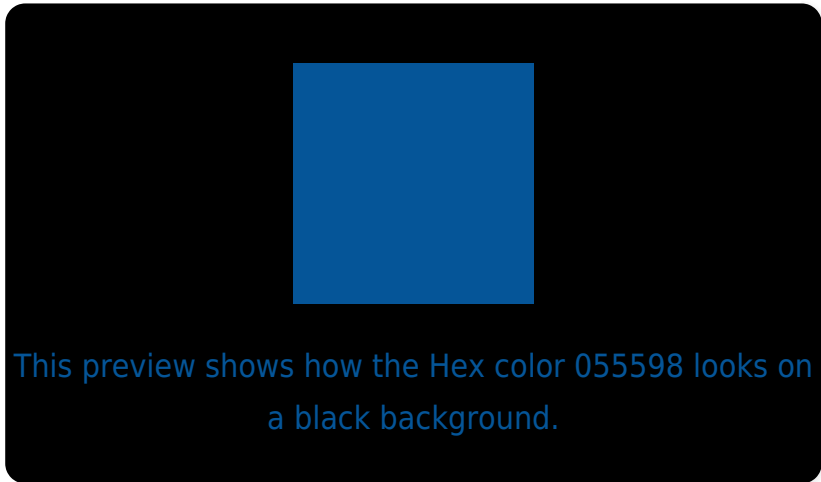
Large Text (above 18pt) WCAG AA ✓ Pass

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

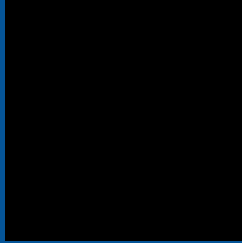
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 055598 Background



This preview shows how black text looks on a background with the Hex color 055598.



This preview shows how white text looks on a background with the Hex color 055598.

# 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**  
005D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 055598 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 #055598 looks like.

```
.text, #text, p{  
    color:#055598  
}
```

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 #055598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055598
}
```

## Border

The CSS property to change the border of an element to Hex 055598 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
#055598 }
```

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

```
.border{ border-color:#055598 }
```

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

Here you see how a box with a 4 pixel #055598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055598; -webkit-box-shadow:4px 4px  
4px 4px #055598; box-shadow:4px 4px 4px  
4px #055598 }
```

# Background

The CSS property to change the background color of an element to Hex 055598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055598 }
```

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

```
.background{ background-color:#055598 }
```

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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