

Converting Colors

Hex(116588)

Have a look what the booklet for
Hex(116588) contains.

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Color

Hex(116588)

Conversions

Conversions Part 1

Format	Color
Hex	116588
RGB	17, 101, 136
RGB Percent	7%, 40%, 53%
CMY	0.9333, 0.6039, 0.4667
CMYK	0.88, 0.26, 0.00, 0.47
HSL	198°, 78%, 30%
HSV	198°, 88%, 53%
XYZ	9.3288, 11.2041, 24.9635
YIQ	79.8740, -61.2990, -6.9230

Conversions

Conversions Part 2

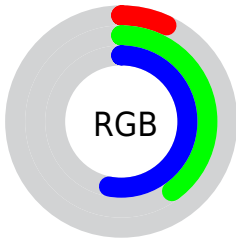
Format	Color
R_{YB}	17, 66, 136
Decimal	1140104
CIE _{Lab}	39.92, -10.40, -25.99
CIE _{LCh}	40, 27.996, 248.182
Y _{xy}	11.2041, 0.2050, 0.2463
Android (android.graphics.Color)	4279330184 (0xFF116588)
YUV	79.8740, 27.6701, -55.1405
Hunter-Lab	33.4725, -8.8291, -20.7871

Details

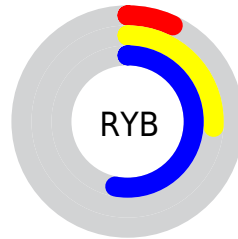
The Hex color **116588** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **883411**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5598BD**, and **003656** is the 20% darker color. If you saturate the color by 10%, you get **036188**, and if you desaturate by 10%, it is **1F6988**.

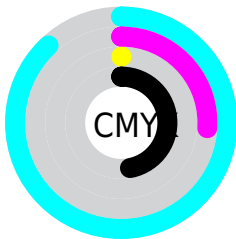
Distribution



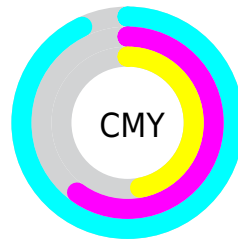
- Red (7%)
- Green (40%)
- Blue (53%)



- Red (7%)
- Yellow (26%)
- Blue (53%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116588 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 116588 by changing the saturation by 10% instead.

■ 116588

■ 116588

FFFFFF

■ 004D6F

■ 5598BD

■ 003656

■ 71B3D9

■ 00213F

■ 8ECEFF

■ 000329

■ AAFAFF

■ 000113

■ C7FFFF

■ 000000

■ E4FFFF

■ 116588

■ 116588

■ 036188

■ 1F6988

■ 006088

■ 2C6D88

■ 3A7188

■ 477588

■ 557988

■ 637D88

■ 708188

■ 7E8588

■ 8B8988

Harmonies

Analogous

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



00697A



116588



465E8B

Triad

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



116588



8A4C59



4E6539

Complementary

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



116588



883411

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.



665F30



116588



874F43

Square

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



116588



804E70



7A5734



30694C

Rectangle

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



116588



5E5986



7A5734



566335

Sweetspot

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



116588



82A2B0



118833



3E5159



D9D9D9



595959

Same Dimension

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



116588



007CB0



112B88



3E4345



005E85



000405

Inverse Universe

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



881165



B0007C



886E11



453E43



85005E



050004

Previews

White Background



This preview shows how the Hex color 116588 looks on a white background.

Color Contrast Check

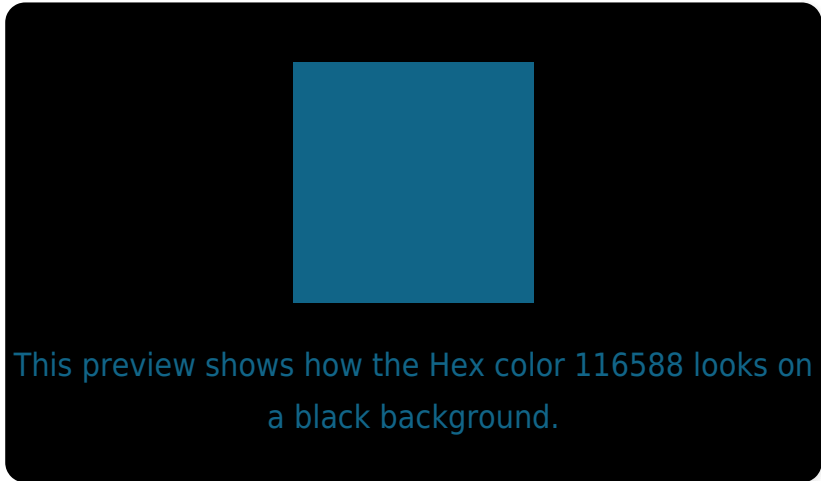
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

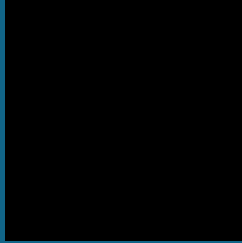
Any Text WCAG AA × Fail

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 116588 Background



This preview shows how black text looks on a background with the Hex color 116588.



This preview shows how white text looks on a background with the Hex color 116588.

Color Blindness Simulation

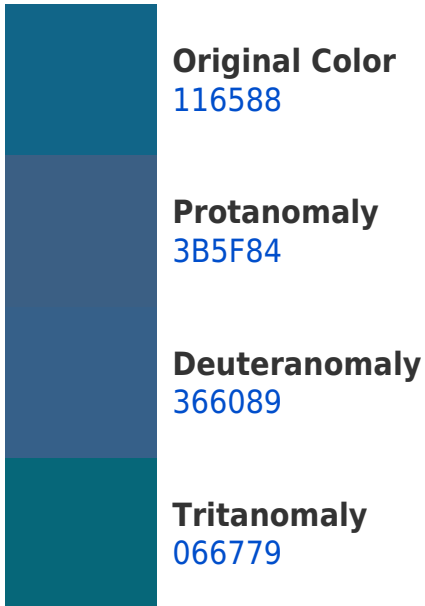
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 116588 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 #116588 looks like.

```
.text, #text, p{  
    color:#116588  
}
```

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 #116588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116588
}
```

Border

The CSS property to change the border of an element to Hex 116588 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
#116588 }
```

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

```
.border{ border-color:#116588 }
```

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

Here you see how a box with a 4 pixel #116588 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116588; -webkit-box-shadow:4px 4px  
4px 4px #116588; box-shadow:4px 4px 4px  
4px #116588 }
```

Background

The CSS property to change the background color of an element to Hex 116588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116588 }
```

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

```
.background{ background-color:#116588 }
```

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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