

# Converting Colors

Hex(35708E)

Have a look what the booklet for  
Hex(35708E) contains.

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# Color

**Hex(35708E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35708E
RGB	53, 112, 142
RGB Percent	21%, 44%, 56%
CMY	0.7922, 0.5608, 0.4431
CMYK	0.63, 0.21, 0.00, 0.44
HSL	200°, 46%, 38%
HSV	200°, 63%, 56%
XYZ	12.1449, 14.2982, 27.7109
YIQ	97.7790, -44.7940, -3.1780

# Conversions

## Conversions Part 2

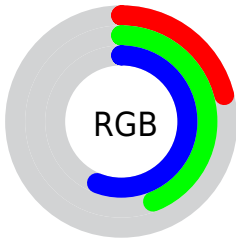
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 88, 142
Decimal	3502222
CIE <sub>Lab</sub>	44.66, -9.62, -22.16
CIE <sub>LCh</sub>	45, 24.159, 246.541
Yxy	14.2982, 0.2243, 0.2640
Android (android.graphics.Color)	4281692302 (0xFF35708E)
YUV	97.7790, 21.8010, -39.2712
Hunter-Lab	37.8130, -8.8417, -16.9811

# Details

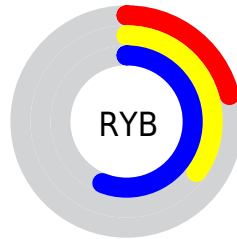
The Hex color **35708E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E5335**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6CA4C4**, and **00405C** is the 20% darker color. If you saturate the color by 10%, you get **276B8E**, and if you desaturate by 10%, it is **43758E**.

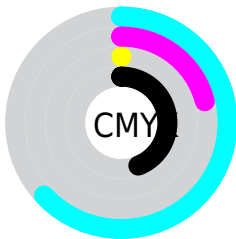
# Distribution



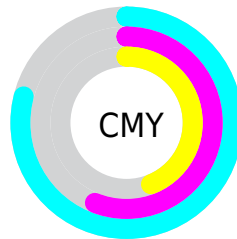
- Red (21%)
- Green (44%)
- Blue (56%)



- Red (21%)
- Yellow (35%)
- Blue (56%)



- Cyan (63%)
- Magenta (21%)
- Yellow (0%)
- Black (44%)



- Cyan (79%)
- Magenta (56%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35708E 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 35708E by changing the saturation by 10% instead.



■ 35708E

■ 35708E

FFFFFF

■ 145874

■ 6CA4C4

■ 00405C

■ 88BFE0

■ 002A44

■ A3DBFC

■ 00162E

■ C0F7FF

■ 000119

■ DDFFFF

■ 000000

■ FAFFFF

■ 35708E

■ 35708E

■ 276B8E

■ 43758E

■ 19668E

■ 517A8E

■ 0A628E

■ 607E8E

■ 005E8E

■ 6E838E

■ 7C888E

■ 8A8D8E

■ 98928E

■ A7968E

■ B59B8E

# Harmonies

## Analogous

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



217481



35708E



556A91

# Triad

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



35708E



915A66



5D7049

# Complementary

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



35708E



8E5335

# 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.



736A41



35708E



8F5D53

# Square

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



35708E



875D7A



856345



457359

# Rectangle

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



35708E



69658E



856345



656E45



# Sweetspot

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



35708E



95ACB8



358E53



47555C



DBDBDB



5C5C5C



# Same Dimension

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



35708E



2E89B8



35448E



404547



005A87



000508



# Inverse Universe

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



8E3570



B82E89



8E7F35



474045



87005A



080005



# Previews

## White Background



This preview shows how the Hex color 35708E looks on a white background.

### Color Contrast Check

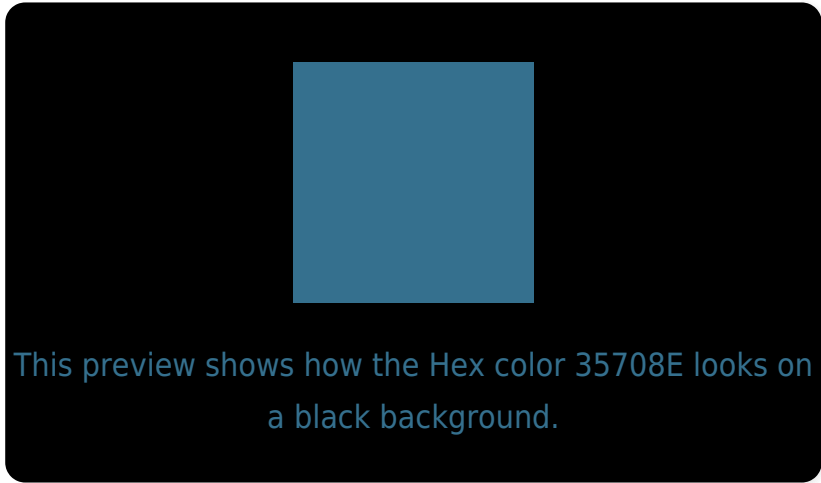
Large Text (above 18pt) WCAG AA ✓ Pass

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

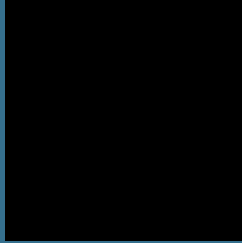
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35708E Background



This preview shows how black text looks on a background with the Hex color 35708E.

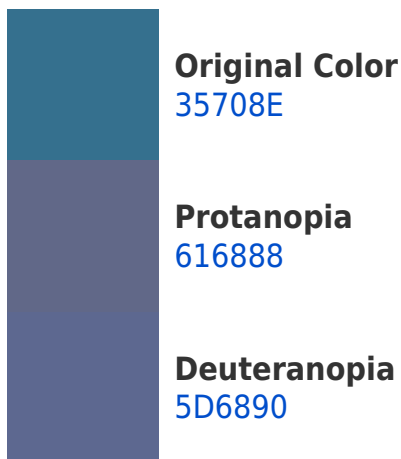


This preview shows how white text looks on a background with the Hex color 35708E.

# Color Blindness Simulation

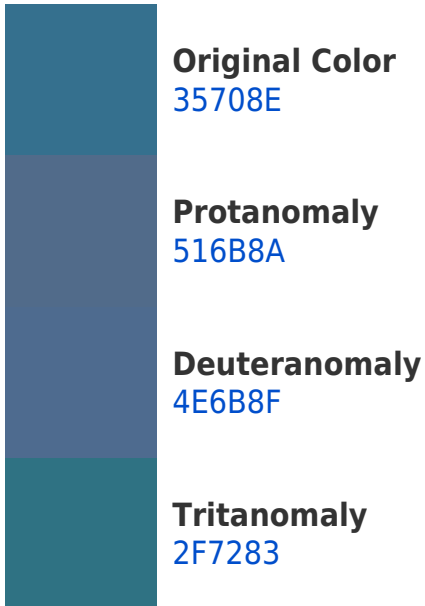
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35708E 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 #35708E looks like.

```
.text, #text, p{  
    color:#35708E  
}
```

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 #35708E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35708E
}
```

## Border

The CSS property to change the border of an element to Hex 35708E is called "border". The border property can be set on classes, ids or directly on the HTML element.

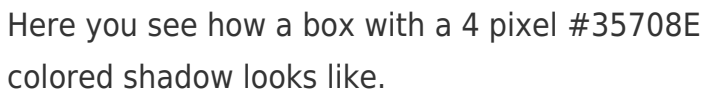
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35708E }
```

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

```
.border{ border-color:#35708E }
```

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



Here you see how a box with a 4 pixel #35708E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35708E; -webkit-box-shadow:4px 4px  
4px 4px #35708E; box-shadow:4px 4px 4px  
4px #35708E }
```

# Background

The CSS property to change the background color of an element to Hex 35708E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35708E }
```

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

```
.background{ background-color:#35708E }
```

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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