

# Converting Colors

Hex(325F8E)

Have a look what the booklet for  
Hex(325F8E) contains.

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# Color

**Hex(325F8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	325F8E
RGB	50, 95, 142
RGB Percent	20%, 37%, 56%
CMY	0.8039, 0.6275, 0.4431
CMYK	0.65, 0.33, 0.00, 0.44
HSL	211°, 48%, 38%
HSV	211°, 65%, 56%
XYZ	10.2901, 10.8155, 27.1364
YIQ	86.9030, -41.9070, 5.0770

# Conversions

## Conversions Part 2

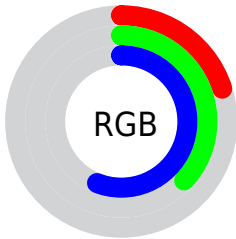
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 80, 142
Decimal	3301262
CIE Lab	39.27, 0.08, -30.57
CIE LCh	39, 30.572, 270.148
Yxy	10.8155, 0.2133, 0.2242
Android (android.graphics.Color)	4281491342 (0xFF325F8E)
YUV	86.9030, 27.1628, -32.3639
Hunter-Lab	32.8870, -1.7009, -25.9019

# Details

The Hex color **325F8E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6132**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6991C4**, and **00315B** is the 20% darker color. If you saturate the color by 10%, you get **24588E**, and if you desaturate by 10%, it is **40668E**.

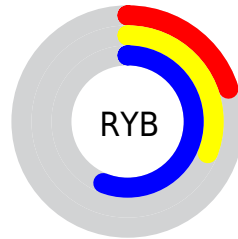
# Distribution



Red (20%)

Green (37%)

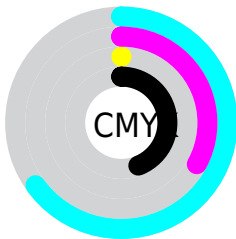
Blue (56%)



Red (20%)

Yellow (31%)

Blue (56%)

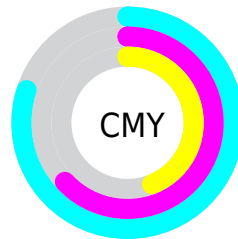


Cyan (65%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (80%)

Magenta (63%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 325F8E 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 325F8E by changing the saturation by 10% instead.





325F8E



325F8E

FFFFFF



0F4874



6991C4



00315B



85ACE0



001D44



A0C7FD



00032D



BDE3FF



000118



D9FFFF



000000



F7FFFF



325F8E



325F8E



24588E



40668E

■ 16508E

■ 4E6E8E

■ 07498E

■ 5D758E

■ 00458E

■ 6B7C8E

■ 79838E

■ 878B8E

■ 95928E

■ A4998E

■ B2A08E

# Harmonies

## Analogous

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



006587



325F8E



5E5688

# Triad

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



325F8E



8A4A45



336743

# Complementary

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



325F8E



8E6132

# 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.



526230



325F8E



7F5232

# Square

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



325F8E



8A485D



6B5B29



00695C

# Rectangle

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



325F8E



73507D



6B5B29



3E663C



# Sweetspot

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



325F8E



95A6B8



328E60



47515C



DBDBDB



5C5C5C



# Same Dimension

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



325F8E



286EB8



32328E



404447



004287



000408



# Inverse Universe

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



8E325F



B8286E



8E8E32



474044



870042



080004



# Previews

## White Background



This preview shows how the Hex color 325F8E looks on a white background.

## Color Contrast Check

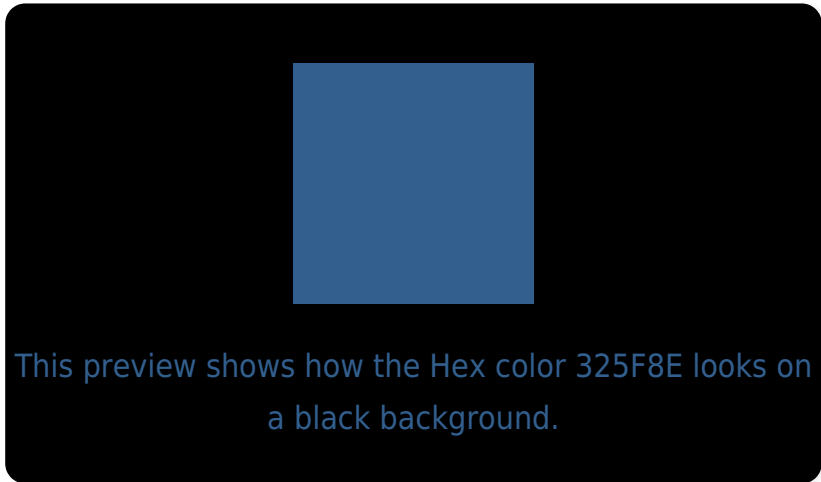
Large Text (above 18pt) WCAG AA ✓ Pass

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 325F8E Background



This preview shows how black text looks on a background with the Hex color 325F8E.

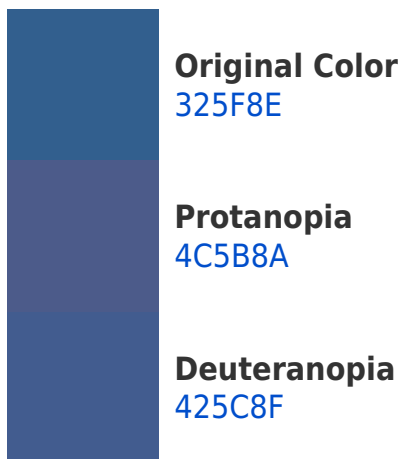


This preview shows how white text looks on a background with the Hex color 325F8E.

# Color Blindness Simulation

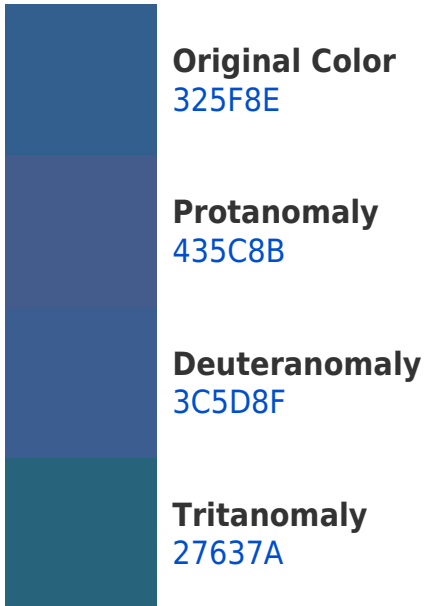
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

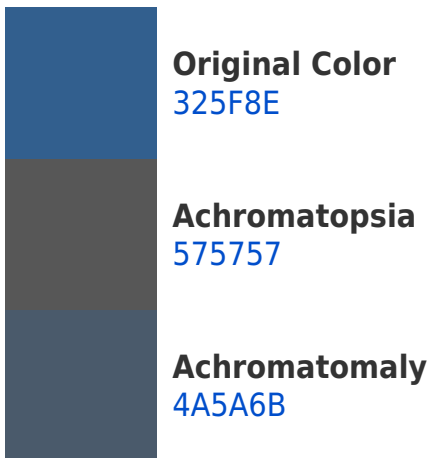




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 325F8E 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 #325F8E looks like.

```
.text, #text, p{  
    color:#325F8E  
}
```

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 #325F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325F8E
}
```

## Border

The CSS property to change the border of an element to Hex 325F8E 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
#325F8E }
```

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

```
.border{ border-color:#325F8E }
```

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

Here you see how a box with a 4 pixel #325F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325F8E; -webkit-box-shadow:4px 4px  
4px 4px #325F8E; box-shadow:4px 4px 4px  
4px #325F8E }
```

# Background

The CSS property to change the background color of an element to Hex 325F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325F8E }
```

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

```
.background{ background-color:#325F8E }
```

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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