

# Converting Colors

Hex(325BBC)

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

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# Color

Hex(325BBC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	325BBC
RGB	50, 91, 188
RGB Percent	20%, 36%, 74%
CMY	0.8039, 0.6431, 0.2627
CMYK	0.73, 0.52, 0.00, 0.26
HSL	222°, 58%, 47%
HSV	222°, 73%, 74%
XYZ	14.1336, 11.7911, 49.1079
YIQ	89.7990, -55.5730, 21.4750

# Conversions

## Conversions Part 2

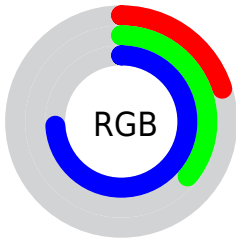
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 82, 188
Decimal	3300284
CIELab	40.88, 19.71, -55.30
CIELCh	41, 58.713, 289.619
Yxy	11.7911, 0.1884, 0.1571
Android (android.graphics.Color)	4281490364 (0xFF325BBC)
YUV	89.7990, 48.4131, -34.9037
Hunter-Lab	34.3382, 13.3786, -60.7554

# Details

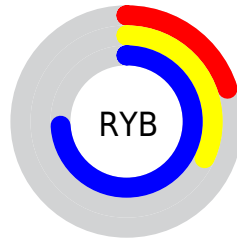
The Hex color **325BBC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BC9332**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **728DF5**, and **002E86** is the 20% darker color. If you saturate the color by 10%, you get **1F4EBC**, and if you desaturate by 10%, it is **4568BC**.

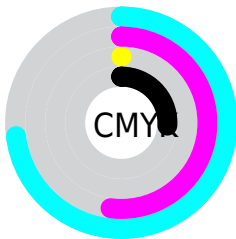
# Distribution



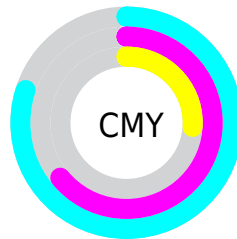
- Red (20%)
- Green (36%)
- Blue (74%)



- Red (20%)
- Yellow (32%)
- Blue (74%)



- Cyan (73%)
- Magenta (52%)
- Yellow (0%)
- Black (26%)



- Cyan (80%)
- Magenta (64%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 325BBC

 325BBC

FFFFFF

 0044A1

 728DF5

 002E86

 90A7FF

 001B6C

 ADC2FF

 000053

 CBDEFF

 00063B

 E9FAFF

 000224

 00000C

 000000

 325BBC

 325BBC

■ 1F4EBC

■ 4568BC

■ 0C41BC

■ 5875BC

■ 0038BC

■ 6A83BC

■ 7D90BC

■ 909DBC

■ A3AABC

■ B6B8BC

■ C8C5BC

■ DBD2BC

# Harmonies

## Analogous

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



006BC0



325BBC



88439F

# Triad

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



325BBC



A34215



00754D

# Complementary

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



325BBC



BC9332

# 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.



08701A



325BBC



835800

# Square

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



325BBC



B42B43



576800



00767F

# Rectangle

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



325BBC



A43183



576800



00743D



# Sweetspot

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



325BBC



BFCFF5



32BC93



5B647A



FAFAFA



7A7A7A



# Same Dimension

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



325BBC



1D5DF5



4E32BC



55585E



002F9E



00091F



# Inverse Universe

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



BC325B



F51D5D



A0BC32



5E5558



9E002F



1F0009



# Previews

## White Background



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

### Color Contrast Check

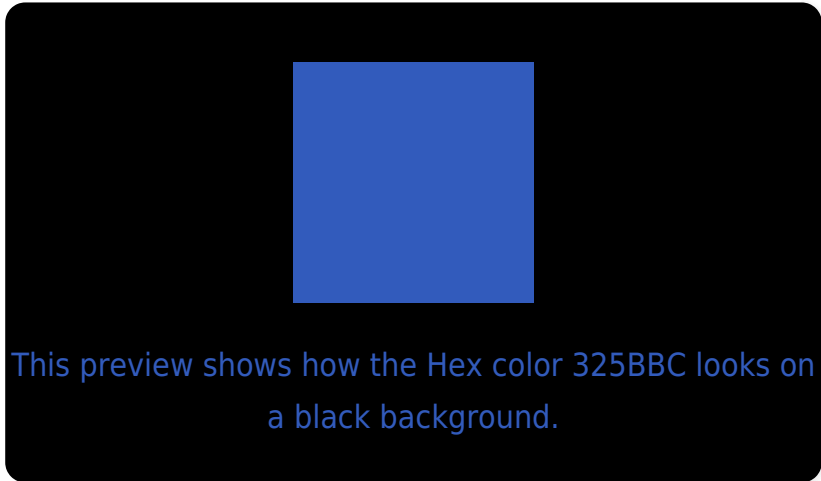
Large Text (above 18pt) WCAG AA ✓ Pass

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

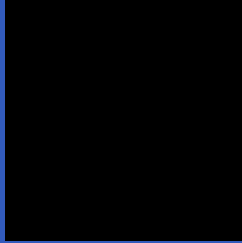
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 325BBC Background



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

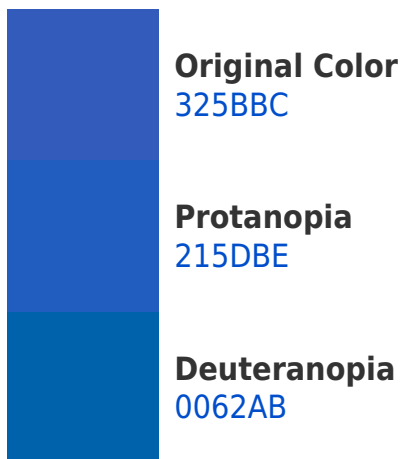


This preview shows how white text looks on a background with the Hex color 325BBC.

# 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](#).

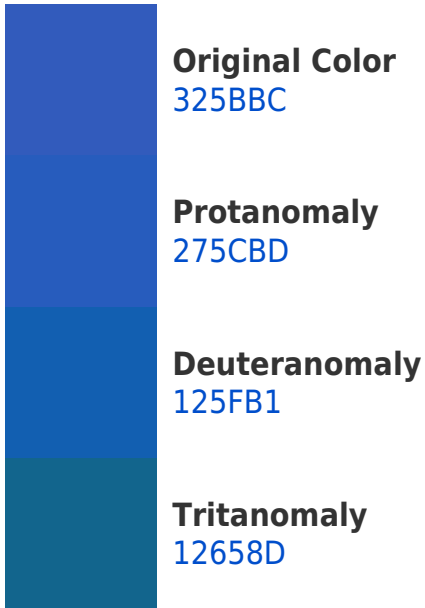
## Dichromacy



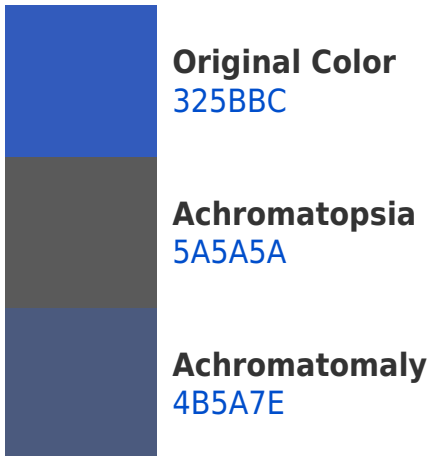


**Tritanopia**  
006B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #325BBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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