

# Converting Colors

Hex(325265)

Have a look what the booklet for  
Hex(325265) contains.

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# Color

Hex(325265)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 325265                     |
| RGB           | 50, 82, 101                |
| RGB Percent   | 20%, 32%, 40%              |
| CMY           | 0.8039, 0.6784, 0.6039     |
| CMYK          | 0.50, 0.19, 0.00, 0.60     |
| HSL           | 202°, 34%, 30%             |
| HSV           | 202°, 50%, 40%             |
| XYZ           | 6.6816, 7.6523, 13.4368    |
| YIQ           | 74.5980, -25.1710, -0.8750 |

# Conversions

## Conversions Part 2

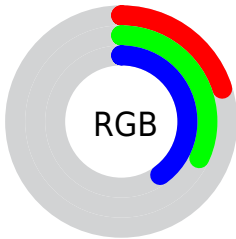
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 50, 70, 101                   |
| Decimal                             | 3297893                       |
| CIELab                              | 33.25, -5.92, -14.66          |
| CIElCh                              | 33, 15.812, 248.017           |
| Yxy                                 | 7.6523, 0.2406,<br>0.2756     |
| Android<br>(android.graphics.Color) | 4281487973<br>(0xFF325265)    |
| YUV                                 | 74.5980, 13.0162,<br>-21.5724 |
| Hunter-Lab                          | 27.6628, -5.2950,<br>-9.4354  |




# Details

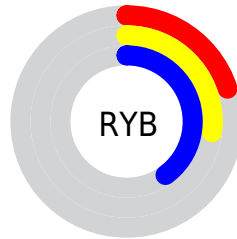
The Hex color **325265** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654532**, and the grayscale version is **4A4A4A**.



A 20% lighter version of the original color is **648398**, and **002536** is the 20% darker color. If you saturate the color by 10%, you get **284E65**, and if you desaturate by 10%, it is **3C5665**.

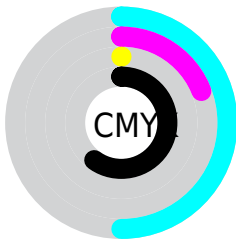
# Distribution







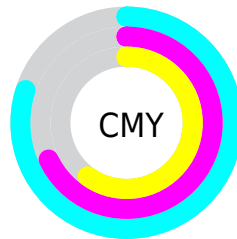
-  Red (20%)
-  Green (32%)
-  Blue (40%)






-  Red (20%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (50%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (68%)
-  Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 325265 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 325265 by changing the saturation by 10% instead.



■ 325265

■ 325265

FFFFFF

■ 193B4D

■ 648398

■ 002536

■ 7D9DB3

■ 001121

■ 98B8CE

■ 000007

■ B3D4EA

■ 000000

■ CFF0FF

■ ECFFFF

■ 325265

■ 325265

■ 284E65

■ 3C5665

■ 1E4A65

■ 465A65

■ 144765

■ 505D65

■ 0A4365

■ 5A6165

■ 003F65

■ 656565

■ 6F6965

■ 796C65

■ 837065

■ 8D7465

# Harmonies

## Analogous

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



28545D



325265



434E67

# Triad

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



325265



67454B



46523A

# Complementary

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



325265



654532

# 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.



544E35



325265



66473F

# Square

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



325265



614658



5F4A37



385444

# Rectangle

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



325265



4F4B64



5F4A37



4B5138



# Sweetspot

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



325265



6F7B82



326545



363E42



C2C2C2



424242



# Same Dimension

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



325265



336482



323965



2E3133



004873



0098F2



# Inverse Universe

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



653252



823364



655E32



332E31



730048

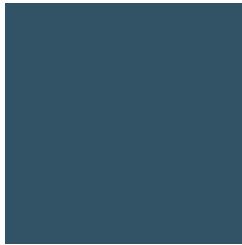


F20098



# Previews

## White Background



This preview shows how the Hex color 325265 looks on a white background.

## Color Contrast Check

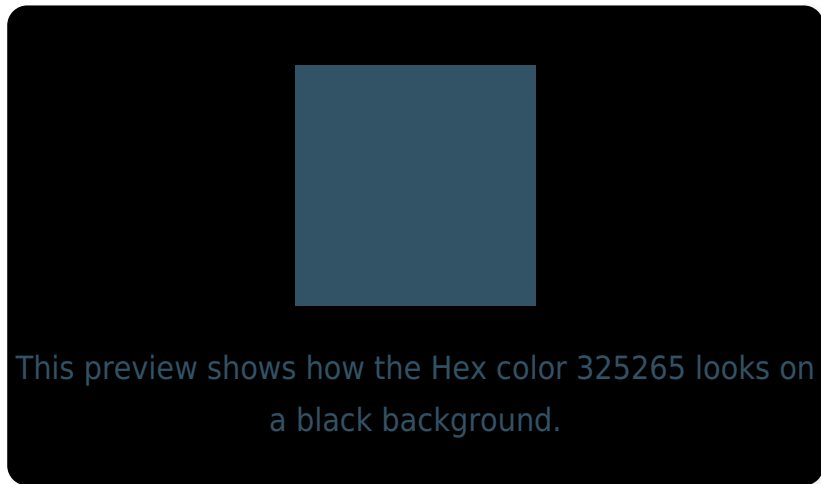
Large Text (above 18pt) WCAG AA ✓ Pass

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

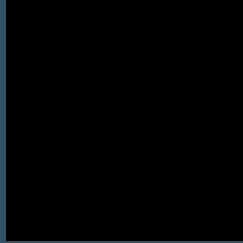
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

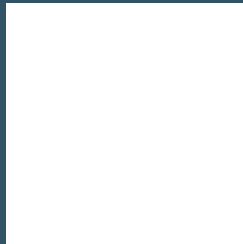
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 325265 Background



This preview shows how black text looks on a background with the Hex color 325265.

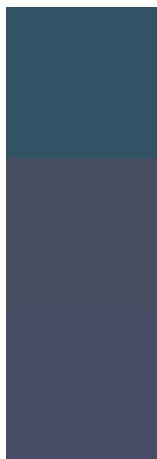


This preview shows how white text looks on a background with the Hex color 325265.

# 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



**Original Color**  
325265

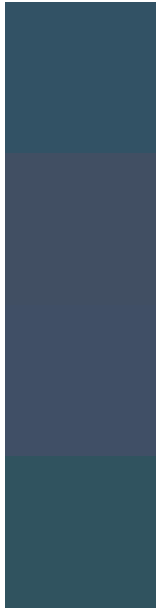
**Protanopia**  
494D62

**Deuteranopia**  
484D66



**Tritanopia**  
2F545B

# Trichromacy



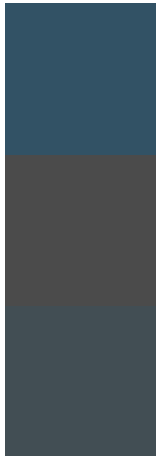
**Original Color**  
325265

**Protanomaly**  
414F63

**Deuteranomaly**  
404F66

**Tritanomaly**  
30535F

# Monochromacy



**Original Color**  
325265

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
424E54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 325265 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 #325265 looks like.

```
.text, #text, p{  
    color:#325265  
}
```

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 #325265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325265
}
```

## Border

The CSS property to change the border of an element to Hex 325265 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
#325265 }
```

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

```
.border{ border-color:#325265 }
```

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

Here you see how a box with a 4 pixel #325265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325265; -webkit-box-shadow:4px 4px  
4px 4px #325265; box-shadow:4px 4px 4px  
4px #325265 }
```

# Background

The CSS property to change the background color of an element to Hex 325265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325265 }
```

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

```
.background{ background-color:#325265 }
```

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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