

Converting Colors

Hex(325866)

Have a look what the booklet for
Hex(325866) contains.

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Color

Hex(325866)

Conversions

Conversions Part 1

Format	Color
Hex	325866
RGB	50, 88, 102
RGB Percent	20%, 35%, 40%
CMY	0.8039, 0.6549, 0.6000
CMYK	0.51, 0.14, 0.00, 0.60
HSL	196°, 34%, 30%
HSV	196°, 51%, 40%
XYZ	7.2034, 8.6169, 13.8539
YIQ	78.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

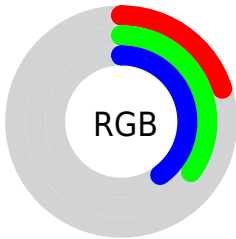
Format	Color
RYB	50, 72, 102
Decimal	3299430
CIELab	35.24, -9.25, -12.26
CIElCh	35, 15.355, 232.953
Yxy	8.6169, 0.2427, 0.2904
Android (android.graphics.Color)	4281489510 (0xFF325866)
YUV	78.2340, 11.7166, -24.7612
Hunter-Lab	29.3545, -7.5677, -7.4339




Details

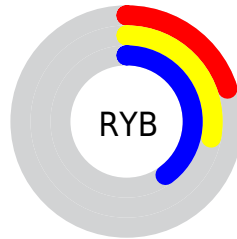
The Hex color **325866** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664032**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **648A99**, and **002B37** is the 20% darker color. If you saturate the color by 10%, you get **285566**, and if you desaturate by 10%, it is **3C5B66**.

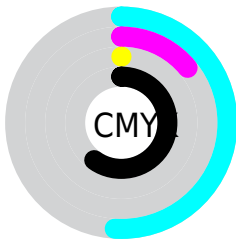
Distribution







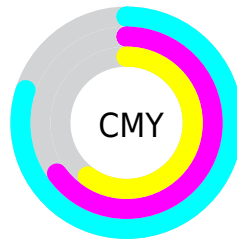
-  Red (20%)
-  Green (35%)
-  Blue (40%)






-  Red (20%)
-  Yellow (28%)
-  Blue (40%)



-  Cyan (51%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 325866 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 325866 by changing the saturation by 10% instead.

■ 325866

■ 325866

FFFFFF

■ 19414E

■ 648A99

■ 002B37

■ 7EA4B4

■ 001722

■ 99BFCF

■ 00000A

■ B4DBEC

■ 000000

■ D0F8FF

■ ECFFFF

■ 325866

■ 325866

■ 285566

■ 3C5B66

■ 1E5366

■ 465D66

■ 135066

■ 516066

■ 094D66

■ 5B6366

■ 004B66

■ 656666

■ 6F6866

■ 796B66

■ 846E66

■ 8E7166

Harmonies

Analogous

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



2F5A5C



325866



40556B

Triad

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



325866



694A56



52553C

Complementary

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



325866



664032

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.



5F513B



325866



6C4A4A

Square

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



325866



604D62



684D40



445844

Rectangle

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



325866



4B526B



684D40



56543B

Sweetspot

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



325866



717F85



326640



363F42



C2C2C2



424242

Same Dimension

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



325866



346F85



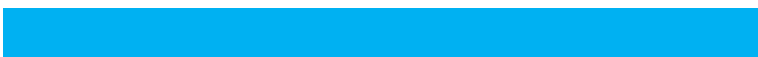
323E66



2E3233



005473



00B1F2

Inverse Universe

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



663258



85346F



665A32



332E32



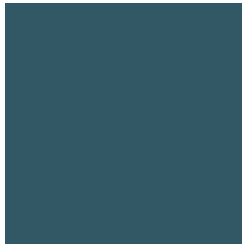
730054



F200B1

Previews

White Background



This preview shows how the Hex color 325866 looks on a white background.

Color Contrast Check

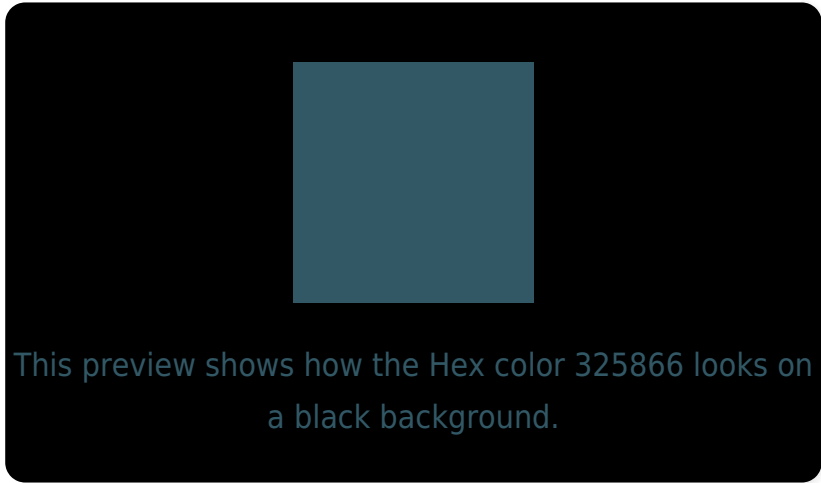
Large Text (above 18pt) WCAG AA ✓ Pass

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

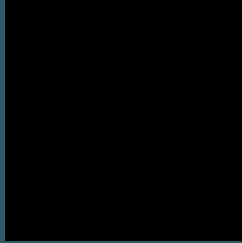
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

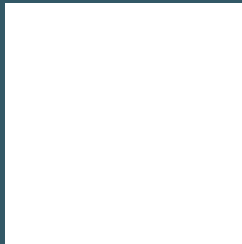
Any Text WCAG AAA × Fail

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

Hex 325866 Background



This preview shows how black text looks on a background with the Hex color 325866.



This preview shows how white text looks on a background with the Hex color 325866.

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](#).

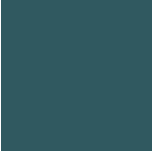
Dichromacy



Original Color
325866

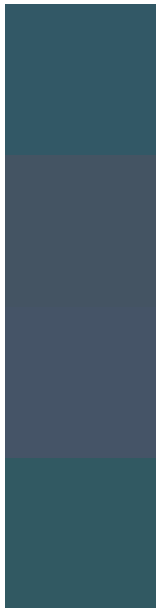
Protanopia
4F5262

Deuteranopia
505168



Tritanopia
305960

Trichromacy



Original Color
325866

Protanomaly
445463

Deuteranomaly
455467

Tritanomaly
315962

Monochromacy



Original Color
325866

Achromatopsia
4E4E4E

Achromatomaly
445257

CSS Examples

Text

The CSS property to change the color of the text to Hex 325866 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 #325866 looks like.

```
.text, #text, p{  
    color:#325866  
}
```

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 #325866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325866  
}
```

Border

The CSS property to change the border of an element to Hex 325866 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".

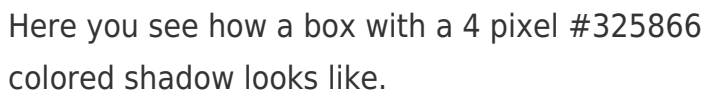
```
.border, #border, table{ border:4px solid  
#325866 }
```

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

```
.border{ border-color:#325866 }
```

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

Here you see how a box with a 4 pixel #325866 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325866; -webkit-box-shadow:4px 4px  
4px 4px #325866; box-shadow:4px 4px 4px  
4px #325866 }
```

Background

The CSS property to change the background color of an element to Hex 325866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325866 }
```

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

```
.background{ background-color:#325866 }
```

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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