

Converting Colors

Hex(325778)

Have a look what the booklet for
Hex(325778) contains.

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Color

Hex(325778)

Conversions

Conversions Part 1	
Format	Color
Hex	325778
RGB	50, 87, 120
RGB Percent	20%, 34%, 47%
CMY	0.8039, 0.6588, 0.5294
CMYK	0.58, 0.27, 0.00, 0.53
HSL	208°, 41%, 33%
HSV	208°, 58%, 47%
XYZ	8.1138, 8.8506, 19.0500
YIQ	79.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

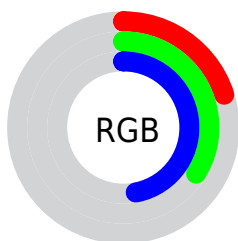
Format	Color
RYB	50, 74, 120
Decimal	3299192
CIELab	35.69, -2.67, -22.73
CIELCh	36, 22.887, 263.308
Yxy	8.8506, 0.2253, 0.2458
Android (android.graphics.Color)	4281489272 (0xFF325778)
YUV	79.6990, 19.8684, -26.0460
Hunter-Lab	29.7499, -3.3796, -17.1407

Details

The Hex color **325778** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **785332**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6689AC**, and **002A47** is the 20% darker color. If you saturate the color by 10%, you get **265178**, and if you desaturate by 10%, it is **3E5D78**.

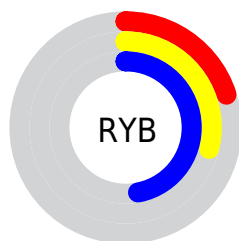
Distribution



Red (20%)

Green (34%)

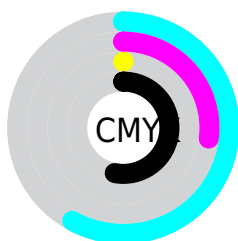
Blue (47%)



Red (20%)

Yellow (29%)

Blue (47%)

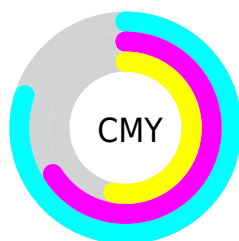


Cyan (58%)

Magenta (27%)

Yellow (0%)

Black (53%)



Cyan (80%)

Magenta (66%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 325778 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 325778 by changing the saturation by 10% instead.

 325778

 325778

FFFFFF

 16405F

 6689AC

 002A47

 80A3C8

 001631

 9CBEE4

 00011C

 B7DAFF

 000000

 D3F6FF

 F0FFFF

 325778

 325778

 265178

 3E5D78

 1A4C78

 4A6278

 0E4678

 566878

 024078

 626E78

 003F78

 6E7378

 7A7978

 867F78

 928478

 9E8A78

Harmonies

Analogous

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



105B71



325778



505175

Triad

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



325778



784646



3C5B3D

Complementary

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



325778



785332

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.



515732



325778



714B37

Square

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



325778



754659



64512F



245D4F

Rectangle

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



325778



604C6F



64512F



445A39

Sweetspot

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



325778



808E9C



327853



3E474F



CFCFCF



4F4F4F

Same Dimension

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



325778



2F689C



323478



373A3D



00427D



0085FC

Inverse Universe

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



783257



9C2F68



787632



3D373A



7D0042



FC0085

Previews

White Background



This preview shows how the Hex color 325778 looks on a white background.

Color Contrast Check

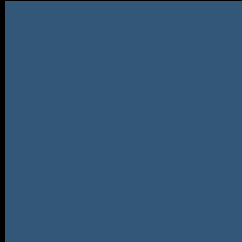
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 325778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

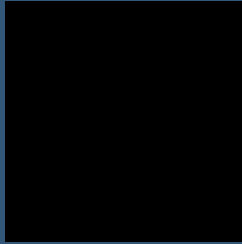
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

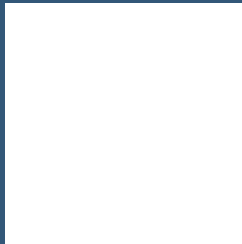
Any Text WCAG AAA × Fail

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

Hex 325778 Background



This preview shows how black text looks on a background with the Hex color 325778.

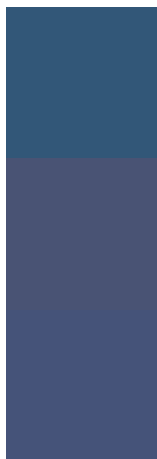


This preview shows how white text looks on a background with the Hex color 325778.

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
325778


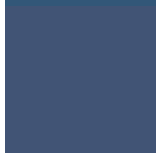
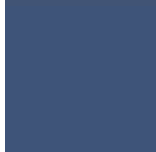
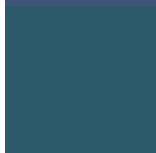
Protanopia
495374

Deuteranopia
455379



Tritanopia
295B62

Trichromacy

	Original Color 325778
	Protanomaly 415475
	Deuteranomaly 3E5479
	Tritanomaly 2C5A6A

Monochromacy

	Original Color 325778
	Achromatopsia 505050
	Achromatomaly 45535F

CSS Examples

Text

The CSS property to change the color of the text to Hex 325778 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 #325778 looks like.

```
.text, #text, p{  
    color:#325778  
}
```

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 #325778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325778
}
```

Border

The CSS property to change the border of an element to Hex 325778 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
#325778 }
```

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

```
.border{ border-color:#325778 }
```

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

Here you see how a box with a 4 pixel #325778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325778; -webkit-box-shadow:4px 4px  
4px 4px #325778; box-shadow:4px 4px 4px  
4px #325778 }
```

Background

The CSS property to change the background color of an element to Hex 325778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325778 }
```

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

```
.background{ background-color:#325778 }
```

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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