

Converting Colors

Hex(335266)

Have a look what the booklet for
Hex(335266) contains.

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Color

Hex(335266)

Conversions

Conversions Part 1

Format	Color
Hex	335266
RGB	51, 82, 102
RGB Percent	20%, 32%, 40%
CMY	0.8000, 0.6784, 0.6000
CMYK	0.50, 0.20, 0.00, 0.60
HSL	204°, 33%, 30%
HSV	204°, 50%, 40%
XYZ	6.7808, 7.6977, 13.6988
YIQ	75.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

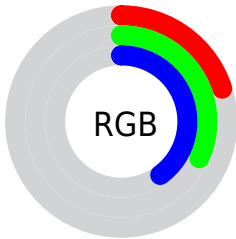
Format	Color
RYB	51, 70, 102
Decimal	3363430
CIELab	33.35, -5.32, -15.14
CIElCh	33, 16.047, 250.629
Yxy	7.6977, 0.2406, 0.2732
Android (android.graphics.Color)	4281553510 (0xFF335266)
YUV	75.0110, 13.3056, -21.0576
Hunter-Lab	27.7447, -4.9279, -9.8528

Details

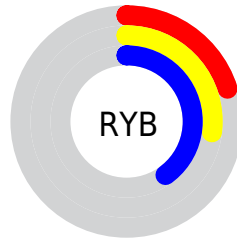
The Hex color **335266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **664733**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **658399**, and **002537** is the 20% darker color. If you saturate the color by 10%, you get **294E66**, and if you desaturate by 10%, it is **3D5666**.

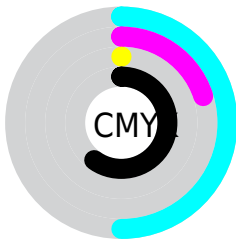
Distribution



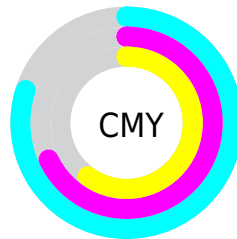
- Red (20%)
- Green (32%)
- Blue (40%)



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



- Cyan (50%)
- Magenta (20%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 335266 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 335266 by changing the saturation by 10% instead.



335266



335266

FFFFFF



1A3B4E



658399



002537



7E9DB4



001122



99B8CF



000009



B4D4EC



000000



D0F0FF



EDFFFF



335266



335266



294E66



3D5666

■ 1F4A66

■ 475A66

■ 144666

■ 525E66

■ 0A4266

■ 5C6266

■ 003E66

■ 666666

■ 706A66

■ 7A6E66

■ 857266

■ 8F7666

Harmonies

Analogous

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



28555E



335266



454E67

Triad

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



335266



68454A



45533B

Complementary

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



335266



664733

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.



534F35



335266



66473E

Square

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



335266



624657



5F4B37



365546

Rectangle

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



335266



514B64



5F4B37



4A5238

Sweetspot

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



335266



717D85



336647



363E42



C2C2C2



424242

Same Dimension

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



335266



356585



333966



2E3133



004673



0093F2

Inverse Universe

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



663352



853565



666033



332E31



730046



F20093

Previews

White Background



This preview shows how the Hex color 335266 looks on a white background.

Color Contrast Check

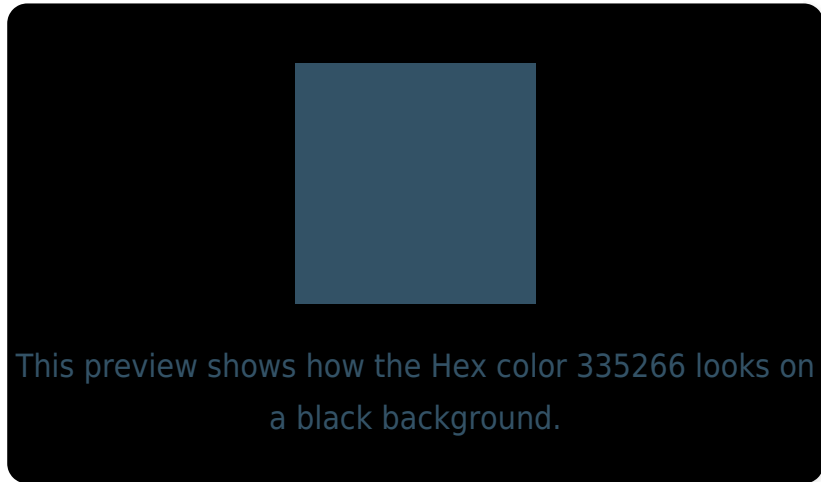
Large Text (above 18pt) WCAG AA ✓ Pass

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

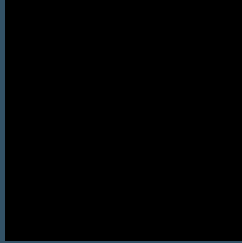
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

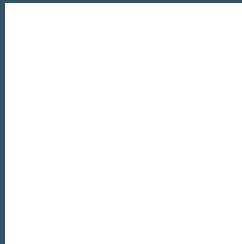
Any Text WCAG AAA × Fail

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

Hex 335266 Background



This preview shows how black text looks on a background with the Hex color 335266.

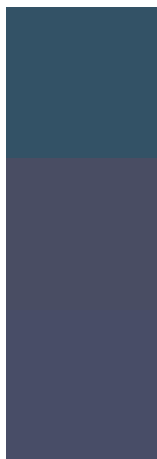


This preview shows how white text looks on a background with the Hex color 335266.

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

335266

Protanopia

494D63

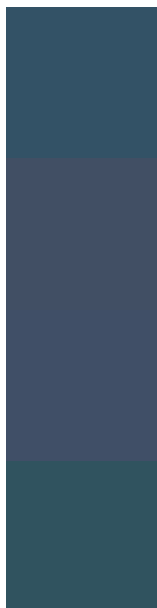
Deuteranopia

484D67



Tritanopia
2F545B

Trichromacy



Original Color

335266

Protanomaly

414F64

Deuteranomaly

404F67

Tritanomaly

30535F

Monochromacy



Original Color

335266

Achromatopsia

4B4B4B

Achromatomaly

424E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 335266 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 #335266 looks like.

```
.text, #text, p{  
    color:#335266  
}
```

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 #335266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335266
}
```

Border

The CSS property to change the border of an element to Hex 335266 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
#335266 }
```

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

```
.border{ border-color:#335266 }
```

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

Here you see how a box with a 4 pixel #335266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335266; -webkit-box-shadow:4px 4px  
4px 4px #335266; box-shadow:4px 4px 4px  
4px #335266 }
```

Background

The CSS property to change the background color of an element to Hex 335266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335266 }
```

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

```
.background{ background-color:#335266 }
```

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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