

Converting Colors

Hex(336066)

Have a look what the booklet for
Hex(336066) contains.

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Color

Hex(336066)

Conversions

Conversions Part 1

Format	Color
Hex	336066
RGB	51, 96, 102
RGB Percent	20%, 38%, 40%
CMY	0.8000, 0.6235, 0.6000
CMYK	0.50, 0.06, 0.00, 0.60
HSL	187°, 33%, 30%
HSV	187°, 50%, 40%
XYZ	7.9464, 10.0289, 14.0873
YIQ	83.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

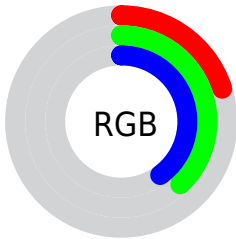
Format	Color
RYB	51, 75, 102
Decimal	3367014
CIELab	37.89, -13.67, -8.23
CIElCh	38, 15.959, 211.060
Yxy	10.0289, 0.2478, 0.3128
Android (android.graphics.Color)	4281557094 (0xFF336066)
YUV	83.2290, 9.2541, -28.2648
Hunter-Lab	31.6684, -10.6296, -4.2066

Details

The Hex color **336066** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **663933**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **659399**, and **003237** is the 20% darker color. If you saturate the color by 10%, you get **295F66**, and if you desaturate by 10%, it is **3D6166**.

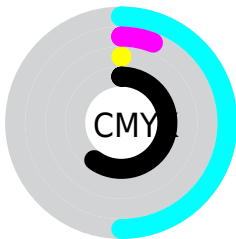
Distribution



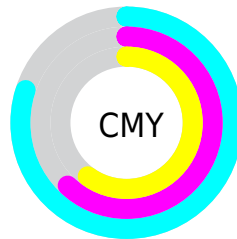
- Red (20%)
- Green (38%)
- Blue (40%)



- Red (20%)
- Yellow (29%)
- Blue (40%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336066 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 336066 by changing the saturation by 10% instead.

■ 336066

■ 336066

FFFFFF

■ 19484E

■ 659399

■ 003237

■ 7FADB4

■ 001D22

■ 9AC9CF

■ 00000B

■ B6E5EB

■ 000000

■ D2FFFF

■ EEEFFF

■ 336066

■ 336066

■ 295F66

■ 3D6166

■ 1F5E66

■ 476266

■ 145C66

■ 526466

■ 0A5B66

■ 5C6566

■ 005A66

■ 666666

■ 706766

■ 7A6866

■ 856A66

■ 8F6B66

Harmonies

Analogous

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



396059



336066



3A5E6F

Triad

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



336066



6A5266



62583F

Complementary

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



336066



663933

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.



6D5443



336066



725059

Square

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



336066



5C566F



73514C



545C43

Rectangle

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



336066



445C72



73514C



665740

Sweetspot

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



336066



718285



336639



364142



C2C2C2



424242

Same Dimension

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



336066



357B85



334766



2E3233



006573



00D6F2

Inverse Universe

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



663360



85357B



665233



332E32



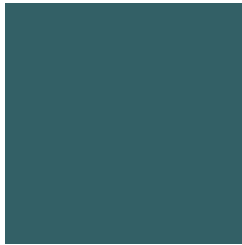
730065



F200D6

Previews

White Background



This preview shows how the Hex color 336066 looks on a white background.

Color Contrast Check

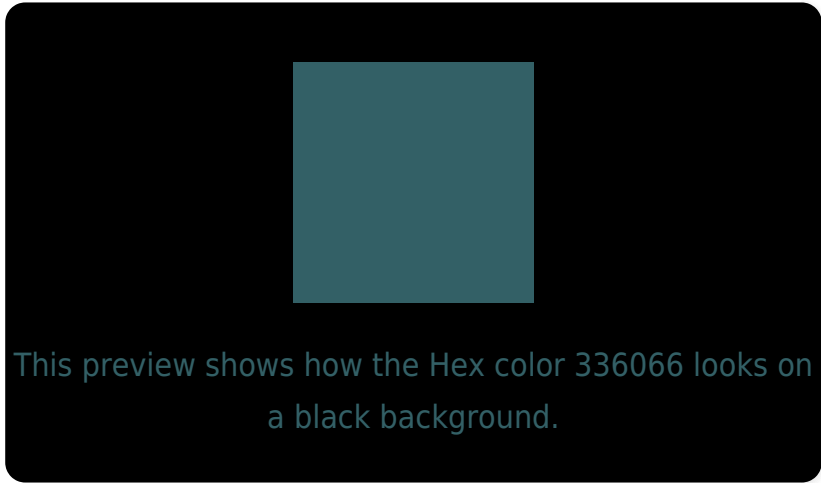
Large Text (above 18pt) WCAG AA ✓ Pass

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

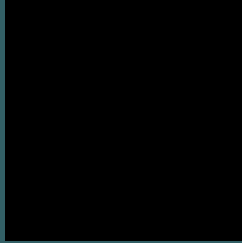
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

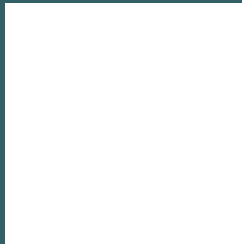
Any Text WCAG AAA × Fail

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

Hex 336066 Background



This preview shows how black text looks on a background with the Hex color 336066.

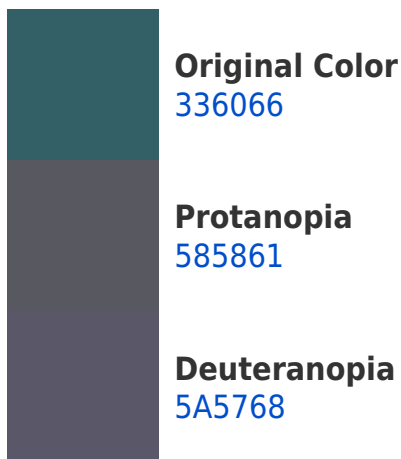


This preview shows how white text looks on a background with the Hex color 336066.

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](#).

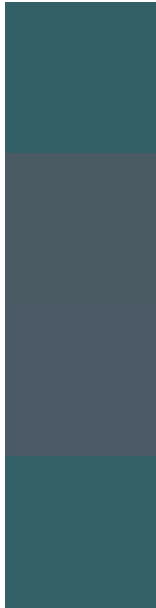
Dichromacy





Tritanopia
346067

Trichromacy



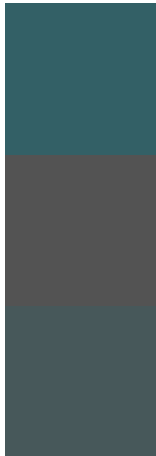
Original Color
336066

Protanomaly
4B5B63

Deuteranomaly
4C5A67

Tritanomaly
346067

Monochromacy



Original Color
336066

Achromatopsia
535353

Achromatomaly
47585A

CSS Examples

Text

The CSS property to change the color of the text to Hex 336066 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 #336066 looks like.

```
.text, #text, p{  
    color:#336066  
}
```

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 #336066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336066
}
```

Border

The CSS property to change the border of an element to Hex 336066 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
#336066 }
```

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

```
.border{ border-color:#336066 }
```

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

Here you see how a box with a 4 pixel #336066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336066; -webkit-box-shadow:4px 4px  
4px 4px #336066; box-shadow:4px 4px 4px  
4px #336066 }
```

Background

The CSS property to change the background color of an element to Hex 336066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336066 }
```

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

```
.background{ background-color:#336066 }
```

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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