

Converting Colors

Hex(35516B)

Have a look what the booklet for
Hex(35516B) contains.

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Color

Hex(35516B)

Conversions

Conversions Part 1

Format	Color
Hex	35516B
RGB	53, 81, 107
RGB Percent	21%, 32%, 42%
CMY	0.7922, 0.6824, 0.5804
CMYK	0.50, 0.24, 0.00, 0.58
HSL	209°, 34%, 31%
HSV	209°, 50%, 42%
XYZ	7.0645, 7.7033, 15.0245
YIQ	75.5920, -25.0340, 2.1500

Conversions

Conversions Part 2

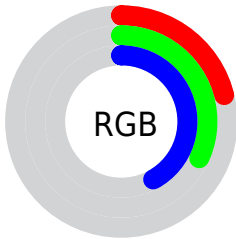
Format	Color
RYB	53, 71, 107
Decimal	3494251
CIELab	33.36, -2.52, -18.25
CIElCh	33, 18.425, 262.134
Yxy	7.7033, 0.2371, 0.2586
Android (android.graphics.Color)	4281684331 (0xFF35516B)
YUV	75.5920, 15.4841, -19.8132
Hunter-Lab	27.7548, -3.1370, -12.6670

Details

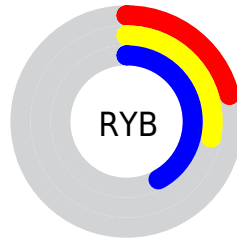
The Hex color **35516B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B4F35**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **67829E**, and **00253C** is the 20% darker color. If you saturate the color by 10%, you get **2A4C6B**, and if you desaturate by 10%, it is **40566B**.

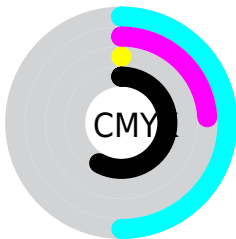
Distribution



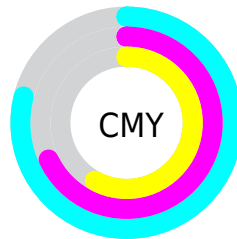
- Red (21%)
- Green (32%)
- Blue (42%)



- Red (21%)
- Yellow (28%)
- Blue (42%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35516B 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 35516B by changing the saturation by 10% instead.

■ 35516B

■ 35516B

FFFFFF

■ 1C3A53

■ 67829E

■ 00253C

■ 819CB9

■ 000F26

■ 9CB7D5

■ 000110

■ B7D3F2

■ 000000

■ D3EFFF

■ F0FFFF

■ 35516B

■ 35516B

■ 2A4C6B

■ 40566B

■ 20476B

■ 4A5B6B

■ 15426B

■ 55606B

■ 0A3C6B

■ 60666B

■ 00376B

■ 6B6B6B

■ 75706B

■ 80756B

■ 8B7A6B

■ 957F6B

Harmonies

Analogous

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



225565



35516B



4B4C69

Triad

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



35516B



6B4444



3D543C

Complementary

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



35516B



6B4F35

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.



4D5133



35516B



674738

Square

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



35516B



684453



5C4C32



2B564A

Rectangle

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



35516B



584964



5C4C32



425338

Sweetspot

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



35516B



77828C



356B4E



3B4147



C7C7C7



474747

Same Dimension

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



35516B



37638C



35376B



303336



003D75



007FF5

Inverse Universe

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



6B3551



8C3763



6B6935



363033



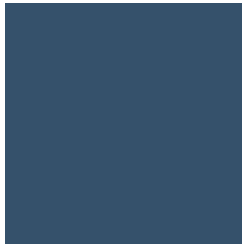
75003D



F5007F

Previews

White Background



This preview shows how the Hex color 35516B looks on a white background.

Color Contrast Check

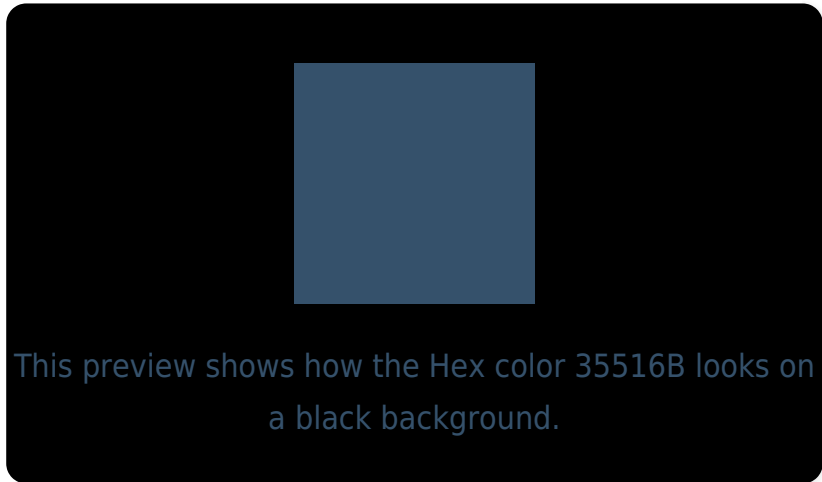
Large Text (above 18pt) WCAG AA ✓ Pass

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

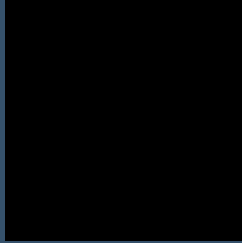
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

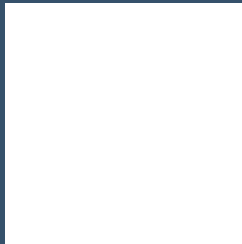
Any Text WCAG AAA × Fail

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

Hex 35516B Background



This preview shows how black text looks on a background with the Hex color 35516B.

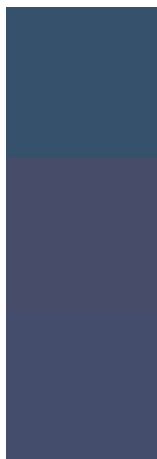


This preview shows how white text looks on a background with the Hex color 35516B.

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
35516B

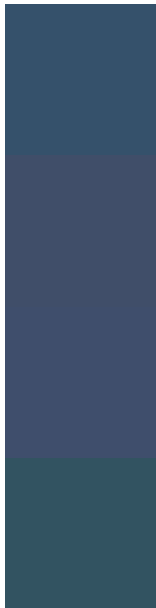
Protanopia
474D68

Deuteranopia
454D6C



Tritanopia
30545B

Trichromacy



Original Color
35516B

Protanomaly
404E69

Deuteranomaly
3F4E6C

Tritanomaly
325361

Monochromacy



Original Color
35516B

Achromatopsia
4C4C4C

Achromatomaly
444E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 35516B 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 #35516B looks like.

```
.text, #text, p{  
    color:#35516B  
}
```

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 #35516B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35516B
}
```

Border

The CSS property to change the border of an element to Hex 35516B 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
#35516B }
```

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

```
.border{ border-color:#35516B }
```

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

Here you see how a box with a 4 pixel #35516B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35516B; -webkit-box-shadow:4px 4px  
4px 4px #35516B; box-shadow:4px 4px 4px  
4px #35516B }
```

Background

The CSS property to change the background color of an element to Hex 35516B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35516B }
```

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

```
.background{ background-color:#35516B }
```

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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