

Converting Colors

Hex(35395A)

Have a look what the booklet for
Hex(35395A) contains.

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Color

Hex(35395A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 35395A |
| RGB | 53, 57, 90 |
| RGB Percent | 21%, 22%, 35% |
| CMY | 0.7922, 0.7765, 0.6471 |
| CMYK | 0.41, 0.37, 0.00, 0.65 |
| HSL | 234°, 26%, 28% |
| HSV | 234°, 41%, 35% |
| XYZ | 4.7768, 4.4213, 10.2745 |
| YIQ | 59.5660, -12.9770, 9.4150 |

Conversions

Conversions Part 2

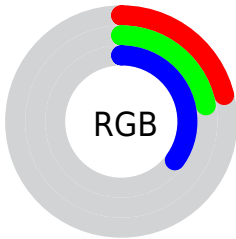
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 53, 57, 90 |
| Decimal | 3488090 |
| CIE _{Lab} | 25.02, 7.71, -20.33 |
| CIE _{LCh} | 25, 21.747, 290.778 |
| Yxy | 4.4213, 0.2453, 0.2271 |
| Android (android.graphics.Color) | 4281678170 (0xFF35395A) |
| YUV | 59.5660, 15.0040, -5.7584 |
| Hunter-Lab | 21.0269, 3.7535, -14.2523 |

Details

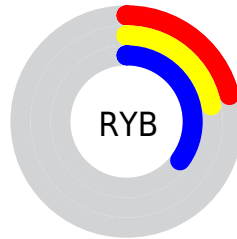
The Hex color **35395A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A5635**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **65688C**, and **080E2C** is the 20% darker color. If you saturate the color by 10%, you get **2C315A**, and if you desaturate by 10%, it is **3E415A**.

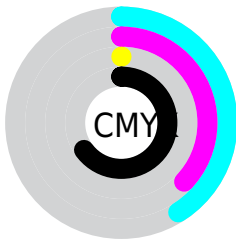
Distribution



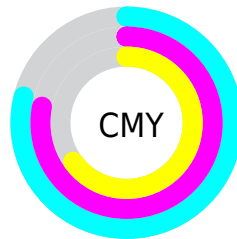
- Red (21%)
- Green (22%)
- Blue (35%)



- Red (21%)
- Yellow (22%)
- Blue (35%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (65%)



- Cyan (79%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35395A 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 35395A by changing the saturation by 10% instead.

■ 35395A

■ 35395A

FFFFFF

■ 1E2442

■ 65688C

■ 080E2C

■ 7F81A7

■ 000117

■ 999BC2

■ 000000

■ B4B6DE

■ D0D1FB

■ ECEEFF

■ 35395A

■ 35395A

■ 2C315A

■ 3E415A

■ 23295A

■ 47495A

■ 1A215A

■ 50515A

■ 11195A

■ 59595A

■ 08115A

■ 62615A

■ 000A5A

■ 6B695A

■ 74715A

■ 7D795A

■ 86815A

Harmonies

Analogous

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



143F5C



35395A



4B3350

Triad

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



35395A



553323



0C4436

Complementary

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



35395A



5A5635

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.



274226



35395A



4A391B

Square

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



35395A



5B2F31



3A3E1C



004446

Rectangle

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



35395A



543047



3A3E1C



174330

Sweetspot

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



35395A



676975



355A56



32333B



BABABA



3B3B3B

Same Dimension

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



35395A



3C4275



43355A



292A2E



000C6E



001AED

Inverse Universe

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



5A3539



753C42



4C5A35



2E292A



6E000C



ED001A

Previews

White Background



This preview shows how the Hex color 35395A looks on a white background.

Color Contrast Check

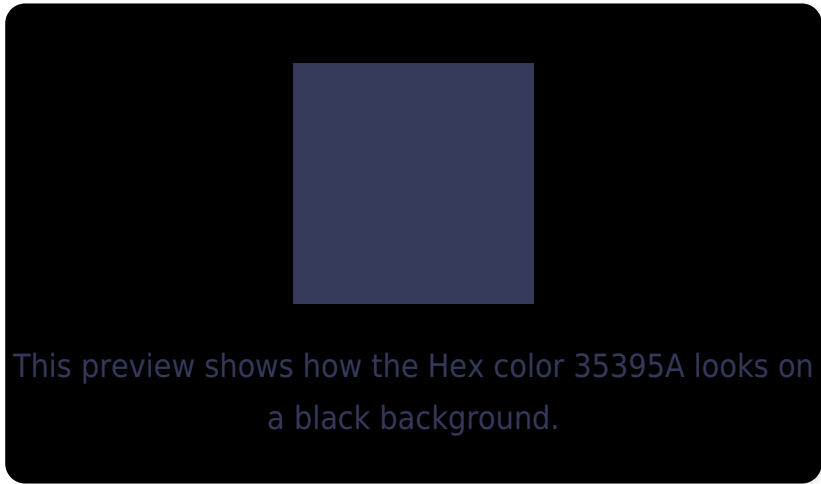
Large Text (above 18pt) WCAG AA ✓ Pass

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

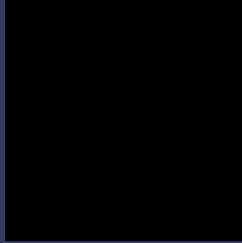
Any Text WCAG AA × Fail

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 35395A Background



This preview shows how black text looks on a background with the Hex color 35395A.

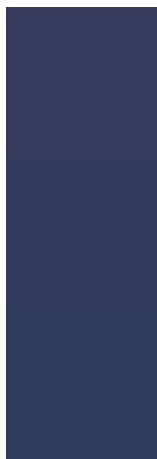


This preview shows how white text looks on a background with the Hex color 35395A.

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](#).

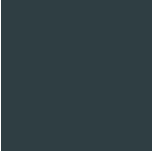
Dichromacy



Original Color
35395A

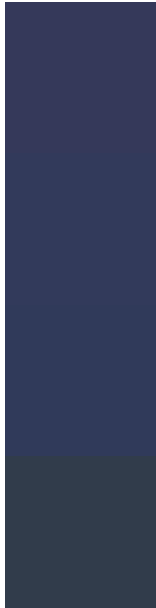
Protanopia
303A5B

Deuteranopia
2D3B5A



Tritanopia
2F3E43

Trichromacy



Original Color
35395A

Protanomaly
323A5B

Deuteranomaly
303A5A

Tritanomaly
313C4B

Monochromacy



Original Color
35395A

Achromatopsia
3C3C3C

Achromatomaly
393B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 35395A 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 #35395A looks like.

```
.text, #text, p{  
    color:#35395A  
}
```

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 #35395A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35395A
}
```

Border

The CSS property to change the border of an element to Hex 35395A is called "border". The border property can be set on classes, ids or directly on the HTML element.

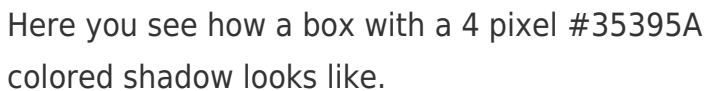
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35395A }
```

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

```
.border{ border-color:#35395A }
```

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



Here you see how a box with a 4 pixel #35395A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35395A; -webkit-box-shadow:4px 4px  
4px 4px #35395A; box-shadow:4px 4px 4px  
4px #35395A }
```

Background

The CSS property to change the background color of an element to Hex 35395A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35395A }
```

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

```
.background{ background-color:#35395A }
```

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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