

Converting Colors

Hex(355175)

Have a look what the booklet for
Hex(355175) contains.

Hex(355175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(355175)

Conversions

Conversions Part 1

Format	Color
Hex	355175
RGB	53, 81, 117
RGB Percent	21%, 32%, 46%
CMY	0.7922, 0.6824, 0.5412
CMYK	0.55, 0.31, 0.00, 0.54
HSL	214°, 38%, 33%
HSV	214°, 55%, 46%
XYZ	7.6215, 7.9261, 17.9578
YIQ	76.7320, -28.2440, 5.2600

Conversions

Conversions Part 2

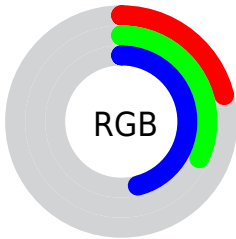
Format	Color
RYB	53, 72, 117
Decimal	3494261
CIELab	33.83, 0.83, -23.77
CIELCh	34, 23.783, 272.007
Yxy	7.9261, 0.2275, 0.2366
Android (android.graphics.Color)	4281684341 (0xFF355175)
YUV	76.7320, 19.8521, -20.8130
Hunter-Lab	28.1533, -0.9458, -18.1113

Details

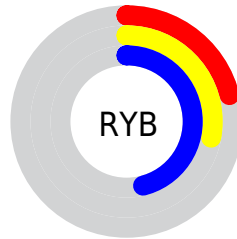
The Hex color **355175** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **755935**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6882A9**, and **002544** is the 20% darker color. If you saturate the color by 10%, you get **294A75**, and if you desaturate by 10%, it is **415875**.

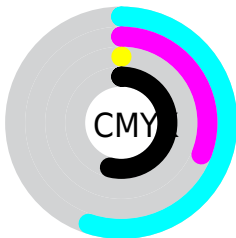
Distribution



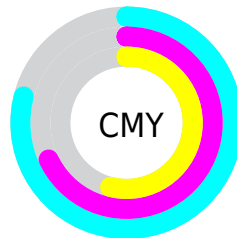
- Red (21%)
- Green (32%)
- Blue (46%)



- Red (21%)
- Yellow (28%)
- Blue (46%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (54%)



- Cyan (79%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355175 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 355175 by changing the saturation by 10% instead.

■ 355175

■ 355175

FFFFFF

■ 1B3A5C

■ 6882A9

■ 002544

■ 829CC5

■ 000F2E

■ 9DB7E1

■ 000119

■ B9D2FD

■ 000000

■ D5EFFF

■ F2FFFF

■ 355175

■ 355175

■ 294A75

■ 415875

■ 1E4475

■ 4C5E75

■ 123D75

■ 586575

■ 063775

■ 646B75

■ 003375

■ 6F7275

■ 7B7875

■ 877F75

■ 938675

■ 9E8C75

Harmonies

Analogous

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



0B5670



355175



534A70

Triad

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



355175



73433D



30583D

Complementary

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



355175



755935

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.



47542F



355175



6A482F

Square

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



355175



73414F



5A4F29



115950

Rectangle

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



355175



624667



5A4F29



385738

Sweetspot

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



355175



818B99



357558



3E444D



CCCCCC



4D4D4D

Same Dimension

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



355175



346099



383575



35373B



00367A



006DFA

Inverse Universe

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



753551



993460



727535



3B3537



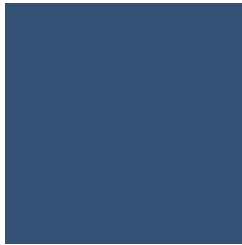
7A0036



FA006D

Previews

White Background



This preview shows how the Hex color 355175 looks on a white background.

Color Contrast Check

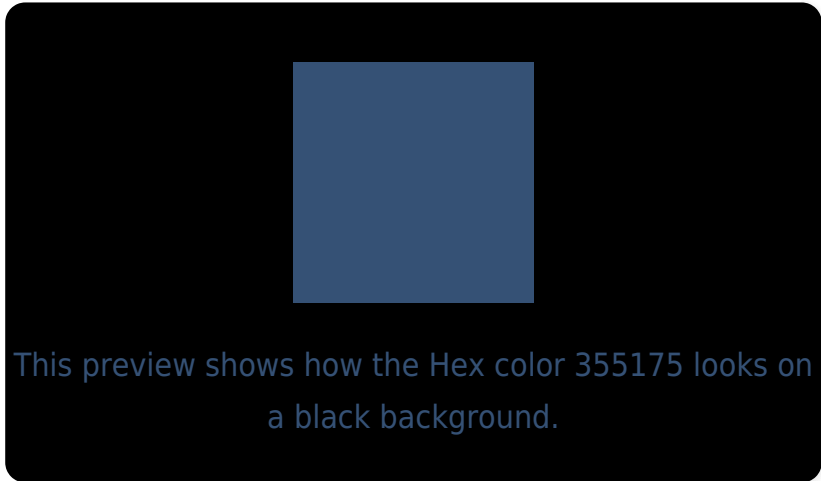
Large Text (above 18pt) WCAG AA ✓ Pass

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

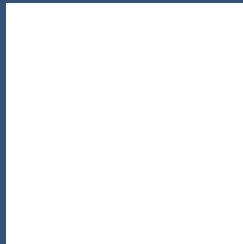
Any Text WCAG AAA × Fail

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

Hex 355175 Background



This preview shows how black text looks on a background with the Hex color 355175.

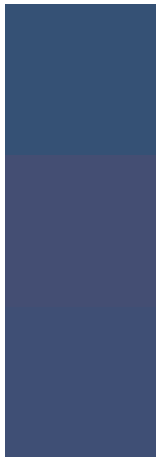


This preview shows how white text looks on a background with the Hex color 355175.

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

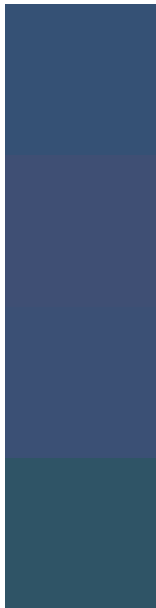


Original Color
355175

Protanopia
444E73

Deuteranopia
3F4F75

Trichromacy



Original Color
355175

Protanomaly
3F4F74

Deuteranomaly
3B5075

Tritanomaly
2F5466

Monochromacy



Original Color
355175

Achromatopsia
4D4D4D

Achromatomaly
444E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 355175 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 #355175 looks like.

```
.text, #text, p{  
    color:#355175  
}
```

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 #355175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355175  
}
```

Border

The CSS property to change the border of an element to Hex 355175 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  
#355175 }
```

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

```
.border{ border-color:#355175 }
```

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

Here you see how a box with a 4 pixel #355175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355175; -webkit-box-shadow:4px 4px  
4px 4px #355175; box-shadow:4px 4px 4px  
4px #355175 }
```

Background

The CSS property to change the background color of an element to Hex 355175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355175 }
```

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

```
.background{ background-color:#355175 }
```

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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