

Converting Colors

Hex(355E76)

Have a look what the booklet for
Hex(355E76) contains.

Hex(355E76)	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(355E76)

Conversions

Conversions Part 1	
Format	Color
Hex	355E76
RGB	53, 94, 118
RGB Percent	21%, 37%, 46%
CMY	0.7922, 0.6314, 0.5373
CMYK	0.55, 0.20, 0.00, 0.54
HSL	202°, 38%, 34%
HSV	202°, 55%, 46%
XYZ	8.7409, 10.0703, 18.6226
YIQ	84.4770, -32.1400, -1.2280

Conversions

Conversions Part 2

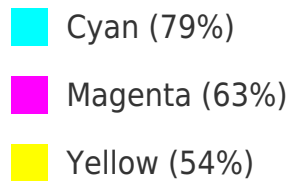
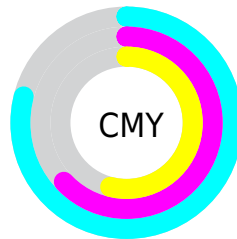
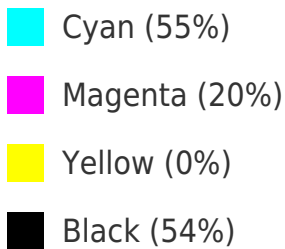
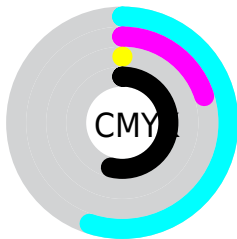
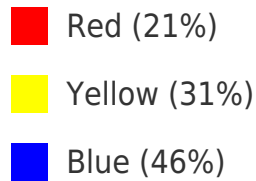
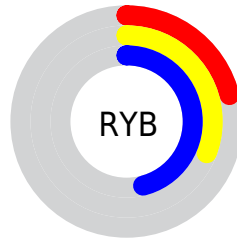
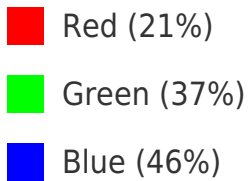
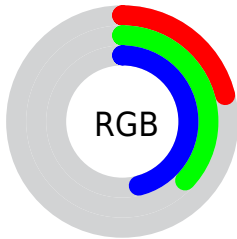
Format	Color
RYB	53, 78, 118
Decimal	3497590
CIELab	37.97, -6.93, -17.97
CIELCh	38, 19.260, 248.900
Yxy	10.0703, 0.2335, 0.2690
Android (android.graphics.Color)	4281687670 (0xFF355E76)
YUV	84.4770, 16.5268, -27.6053
Hunter-Lab	31.7337, -6.3670, -12.5801

Details

The Hex color **355E76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764D35**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6990AA**, and **003046** is the 20% darker color. If you saturate the color by 10%, you get **295A76**, and if you desaturate by 10%, it is **416276**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 355E76 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 355E76 by changing the saturation by 10% instead.

 355E76

 355E76

FFFFFF

 1A465D

 6990AA

 003046

 83ABC6

 001B2F

 9EC6E2

 00011B

 BAE2FE

 000000

 D6FFFF

 F3FFFF

 355E76

 355E76

 295A76

 416276

 1D5576

 4D6776

 125176

 586B76

 064D76

 646F76

 004A76

 707476

 7C7876

 887C76

 938176

 9F8576

Harmonies

Analogous

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



27616C



355E76



4C5978

Triad

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



355E76



784E55



4F5E41

Complementary

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



355E76



764D35

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.



605A3A



355E76



775047

Square

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



355E76



714F65



6E553D



3C614E

Rectangle

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



355E76



5B5675



6E553D



545D3E

Sweetspot

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



355E76



7F8F99



35764D



3D474D



CCCCCC



4D4D4D

Same Dimension

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



355E76



347499



353E76



35383B



004D7A



009EFA

Inverse Universe

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



76355E



993474



766D35



3B3538



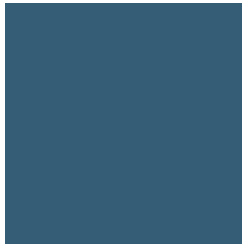
7A004D



FA009E

Previews

White Background



This preview shows how the Hex color 355E76 looks on a white background.

Color Contrast Check

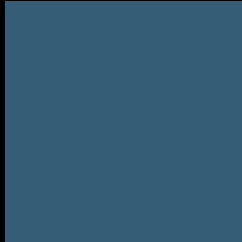
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 355E76 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

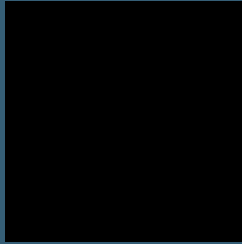
Any Text WCAG AA × Fail

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 355E76 Background



This preview shows how black text looks on a background with the Hex color 355E76.

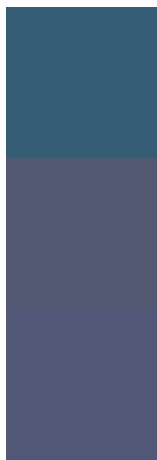


This preview shows how white text looks on a background with the Hex color 355E76.

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](#).

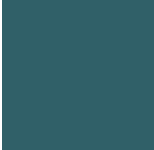
Dichromacy



Original Color
355E76

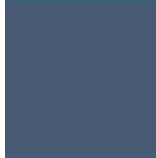
Protanopia
535872

Deuteranopia
515877



Tritanopia
306068

Trichromacy

	Original Color 355E76
	Protanomaly 485A73
	Deuteranomaly 475A77
	Tritanomaly 325F6D

Monochromacy

	Original Color 355E76
	Achromatopsia 545454
	Achromatomaly 495860

CSS Examples

Text

The CSS property to change the color of the text to Hex 355E76 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 #355E76 looks like.

```
.text, #text, p{  
    color:#355E76  
}
```

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 #355E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355E76
}
```

Border

The CSS property to change the border of an element to Hex 355E76 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
#355E76 }
```

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

```
.border{ border-color:#355E76 }
```

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

Here you see how a box with a 4 pixel #355E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355E76; -webkit-box-shadow:4px 4px  
4px 4px #355E76; box-shadow:4px 4px 4px  
4px #355E76 }
```

Background

The CSS property to change the background color of an element to Hex 355E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355E76 }
```

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

```
.background{ background-color:#355E76 }
```

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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