

# Converting Colors

Hex(354C66)

Have a look what the booklet for  
Hex(354C66) contains.

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# Color

Hex(354C66)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	354C66
RGB	53, 76, 102
RGB Percent	21%, 30%, 40%
CMY	0.7922, 0.7020, 0.6000
CMYK	0.48, 0.25, 0.00, 0.60
HSL	212°, 32%, 30%
HSV	212°, 48%, 40%
XYZ	6.4509, 6.8851, 13.5593
YIQ	72.0870, -22.0540, 3.2100

# Conversions

## Conversions Part 2

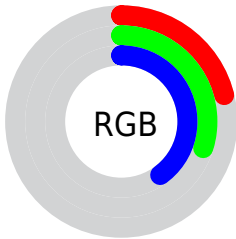
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 69, 102
Decimal	3492966
CIELab	31.54, -0.98, -17.90
CIELCh	32, 17.929, 266.876
Yxy	6.8851, 0.2399, 0.2560
Android (android.graphics.Color)	4281683046 (0xFF354C66)
YUV	72.0870, 14.7471, -16.7393
Hunter-Lab	26.2394, -2.0351, -12.2707

# Details

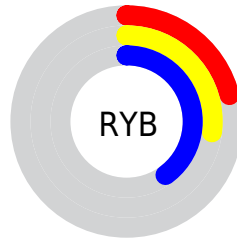
The Hex color **354C66** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **664F35**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **667D99**, and **022037** is the 20% darker color. If you saturate the color by 10%, you get **2B4766**, and if you desaturate by 10%, it is **3F5166**.

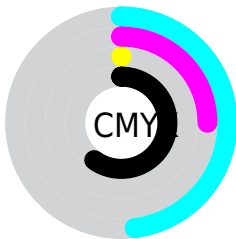
# Distribution



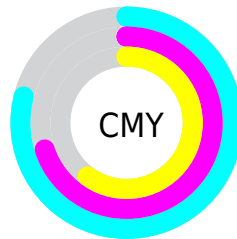
- Red (21%)
- Green (30%)
- Blue (40%)



- Red (21%)
- Yellow (27%)
- Blue (40%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (79%)
- Magenta (70%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354C66 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 354C66 by changing the saturation by 10% instead.





354C66



354C66

FFFFFF



1D354E



667D99



022037



8097B4



000822



9BB1CF



000008



B6CDEC



000000



D2E9FF



EEFFFF



354C66



354C66



2B4766



3F5166

■ 214166

■ 495766

■ 163C66

■ 545C66

■ 0C3666

■ 5E6266

■ 023166

■ 686766

■ 003066

■ 726C66

■ 7C7266

■ 877766

■ 917D66

# Harmonies

## Analogous

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



215061



354C66



4A4763

# Triad

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



354C66



66403E



36503A

# Complementary

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



354C66



664F35

# 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.



474D31



354C66



604433

# Square

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



354C66



64404C



55492E



265248

# Rectangle

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



354C66



56445E



55492E



3C4F37



# Sweetspot

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



354C66



727B85



35664E



373C42



C2C2C2



424242



# Same Dimension

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



354C66



385C85



363566



2E3033



003673



0072F2



# Inverse Universe

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



66354C



85385C



656635



332E30



730036

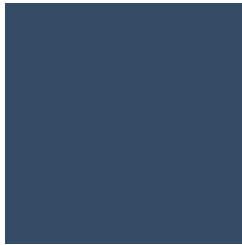


F20072



# Previews

## White Background



This preview shows how the Hex color 354C66 looks on a white background.

## Color Contrast Check

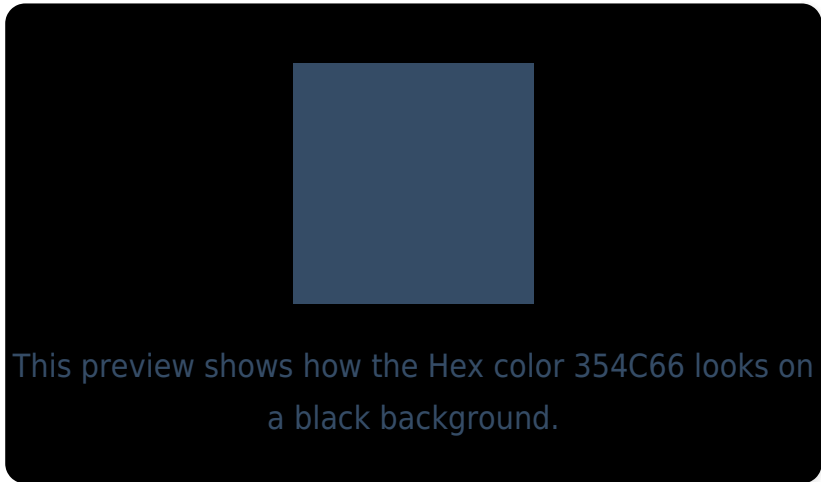
Large Text (above 18pt) WCAG AA ✓ Pass

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

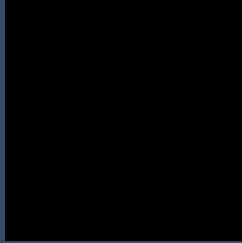
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

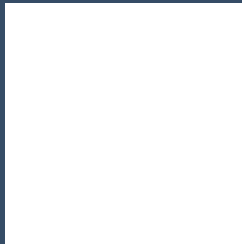
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 354C66 Background



This preview shows how black text looks on a background with the Hex color 354C66.



This preview shows how white text looks on a background with the Hex color 354C66.

# 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**

354C66

**Protanopia**

424964

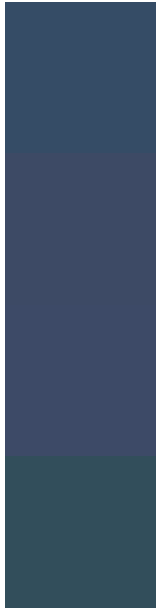
**Deuteranopia**

414967



**Tritanopia**  
304F55

# Trichromacy



**Original Color**  
354C66

**Protanomaly**  
3D4A65

**Deuteranomaly**  
3D4A67

**Tritanomaly**  
324E5B

# Monochromacy



**Original Color**  
354C66

**Achromatopsia**  
484848

**Achromatomaly**  
414953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354C66 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 #354C66 looks like.

```
.text, #text, p{  
    color:#354C66  
}
```

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 #354C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354C66  
}
```

## Border

The CSS property to change the border of an element to Hex 354C66 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  
#354C66 }
```

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

```
.border{ border-color:#354C66 }
```

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

Here you see how a box with a 4 pixel #354C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354C66; -webkit-box-shadow:4px 4px  
4px 4px #354C66; box-shadow:4px 4px 4px  
4px #354C66 }
```

# Background

The CSS property to change the background color of an element to Hex 354C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354C66 }
```

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

```
.background{ background-color:#354C66 }
```

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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