

# Converting Colors

Hex(354D5B)

Have a look what the booklet for  
Hex(354D5B) contains.

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# Color

Hex(354D5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	354D5B
RGB	53, 77, 91
RGB Percent	21%, 30%, 36%
CMY	0.7922, 0.6980, 0.6431
CMYK	0.42, 0.15, 0.00, 0.64
HSL	202°, 26%, 28%
HSV	202°, 42%, 36%
XYZ	6.0104, 6.8200, 10.8971
YIQ	71.4200, -18.7980, -0.7340

# Conversions

## Conversions Part 2

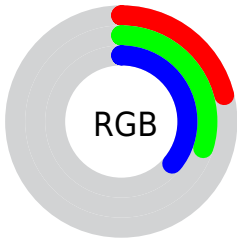
Format	Color
<b>RYB</b>	53, 68, 91
Decimal	3493211
CIELab	31.39, -5.08, -11.14
CIElCh	31, 12.248, 245.489
Yxy	6.8200, 0.2533, 0.2874
Android (android.graphics.Color)	4281683291 (0xFF354D5B)
YUV	71.4200, 9.6529, -16.1543
Hunter-Lab	26.1151, -4.6195, -6.4596

# Details

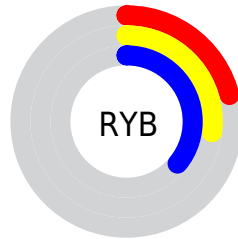
The Hex color **354D5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B4335**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **657E8D**, and **06212D** is the 20% darker color. If you saturate the color by 10%, you get **2C4A5B**, and if you desaturate by 10%, it is **3E505B**.

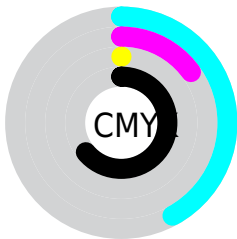
# Distribution



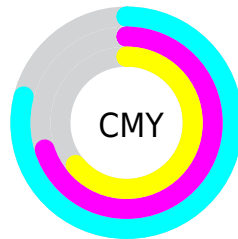
- Red (21%)
- Green (30%)
- Blue (36%)



- Red (21%)
- Yellow (27%)
- Blue (36%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (64%)



- Cyan (79%)
- Magenta (70%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354D5B 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 354D5B by changing the saturation by 10% instead.



■ 354D5B

■ 354D5B

FFFFFF

■ 1E3644

■ 657E8D

■ 06212D

■ 7F98A8

■ 000A19

■ 99B3C3

■ 000000

■ B4CEDF

■ D0EAFB

■ EDFFFF

■ 354D5B

■ 354D5B

■ 2C4A5B

■ 3E505B

■ 23465B

■ 47545B

■ 1A435B

■ 50575B

■ 11405B

■ 595A5B

■ 083C5B

■ 635E5B

■ 00395B

■ 6C615B

■ 75645B

■ 7E685B

■ 876B5B

# Harmonies

## Analogous

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



2F4F55



354D5B



414A5D

# Triad

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



354D5B



5D4348



454D3A

# Complementary

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



354D5B



5B4335

# 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.



4F4A37



354D5B



5D443F

# Square

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



354D5B



584452



584739



3A4F42

# Rectangle

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



354D5B



4A485B



584739



484C38



# Sweetspot

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



354D5B



667075



355B43



31373B



BABABA



3B3B3B



# Same Dimension

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



354D5B



3B6075



353A5B



292C2E



00456E



0096ED



# Inverse Universe

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



5B354D



753B60



5B5635



2E292C



6E0045

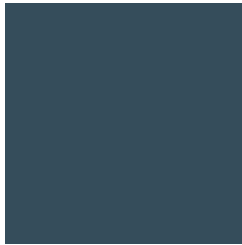


ED0096



# Previews

## White Background



This preview shows how the Hex color 354D5B looks on a white background.

## Color Contrast Check

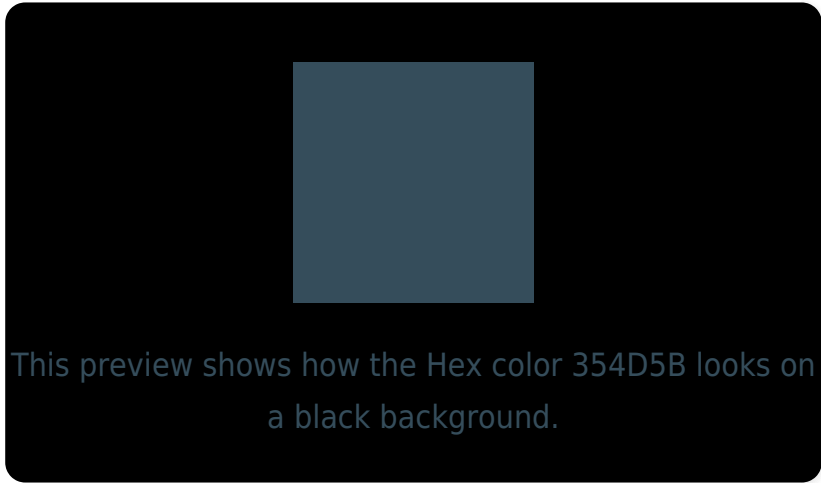
Large Text (above 18pt) WCAG AA ✓ Pass

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

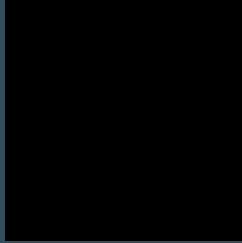
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

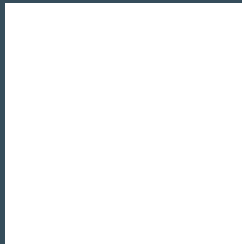
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 354D5B Background



This preview shows how black text looks on a background with the Hex color 354D5B.



This preview shows how white text looks on a background with the Hex color 354D5B.

# 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**  
354D5B

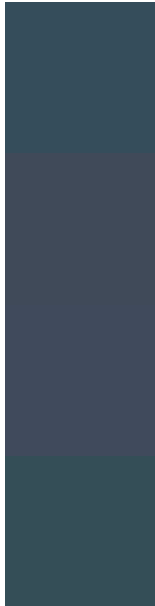
**Protanopia**  
464958

**Deuteranopia**  
47485C



**Tritanopia**  
334E54

# Trichromacy



**Original Color**

354D5B

**Protanomaly**

404A59

**Deuteranomaly**

404A5C

**Tritanomaly**

344E57

# Monochromacy



**Original Color**

354D5B

**Achromatopsia**

474747

**Achromatomaly**

40494E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354D5B 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 #354D5B looks like.

```
.text, #text, p{  
    color:#354D5B  
}
```

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 #354D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354D5B  
}
```

## Border

The CSS property to change the border of an element to Hex 354D5B 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  
#354D5B }
```

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

```
.border{ border-color:#354D5B }
```

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

Here you see how a box with a 4 pixel #354D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354D5B; -webkit-box-shadow:4px 4px  
4px 4px #354D5B; box-shadow:4px 4px 4px  
4px #354D5B }
```

# Background

The CSS property to change the background color of an element to Hex 354D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354D5B }
```

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

```
.background{ background-color:#354D5B }
```

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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