

Converting Colors

Hex(354E8B)

Have a look what the booklet for
Hex(354E8B) contains.

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Color

Hex(354E8B)

Conversions

Conversions Part 1

Format	Color
Hex	354E8B
RGB	53, 78, 139
RGB Percent	21%, 31%, 55%
CMY	0.7922, 0.6941, 0.4549
CMYK	0.62, 0.44, 0.00, 0.45
HSL	223°, 45%, 38%
HSV	223°, 62%, 55%
XYZ	8.8528, 8.0697, 25.5171
YIQ	77.4790, -34.4810, 13.6710

Conversions

Conversions Part 2

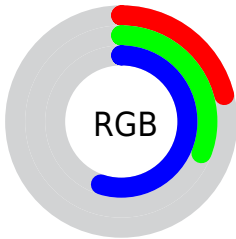
Format	Color
RYB	53, 72, 139
Decimal	3493515
CIELab	34.13, 10.58, -36.88
CIElCh	34, 38.367, 286.006
Yxy	8.0697, 0.2086, 0.1901
Android (android.graphics.Color)	4281683595 (0xFF354E8B)
YUV	77.4790, 30.3299, -21.4681
Hunter-Lab	28.4073, 5.9146, -33.3727

Details

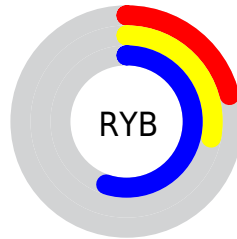
The Hex color **354E8B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B7235**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6B7FC1**, and **002358** is the 20% darker color. If you saturate the color by 10%, you get **27448B**, and if you desaturate by 10%, it is **43588B**.

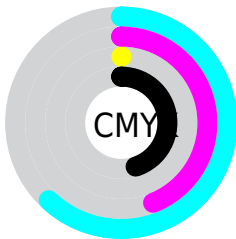
Distribution



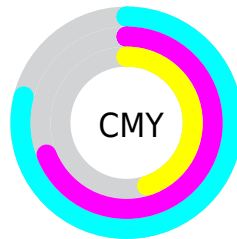
- Red (21%)
- Green (31%)
- Blue (55%)



- Red (21%)
- Yellow (28%)
- Blue (55%)



- Cyan (62%)
- Magenta (44%)
- Yellow (0%)
- Black (45%)



- Cyan (79%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354E8B 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 354E8B by changing the saturation by 10% instead.

■ 354E8B

■ 354E8B

FFFFFF

■ 153771

■ 6B7FC1

■ 002358

■ 8798DD

■ 000D41

■ A2B3FA

■ 00032A

■ BECFFF

■ 000114

■ DBEBFF

■ 000000

■ F8FFFF

■ 354E8B

■ 354E8B

■ 27448B

■ 43588B

■ 193A8B

■ 51628B

■ 0B308B

■ 5F6C8B

■ 00288B

■ 6D758B

■ 7B7F8B

■ 88898B

■ 96938B

■ A49D8B

■ B2A78B

Harmonies

Analogous

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



00588B



354E8B



67417B

Triad

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



354E8B



803D25



005E40

Complementary

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



354E8B



8B7235

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.



2D5A23



354E8B



6C4A11

Square

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



354E8B



883441



51540F



005F60

Rectangle

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



354E8B



7A396A



51540F



005D36

Sweetspot

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



354E8B



939DB5



358B71



474D5C



DBDBDB



5C5C5C

Same Dimension

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



354E8B



2F56B5



46358B



3E4045



002785



000105

Inverse Universe

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



8B354E



B52F56



7A8B35



453E40



850027



050001

Previews

White Background



This preview shows how the Hex color 354E8B looks on a white background.

Color Contrast Check

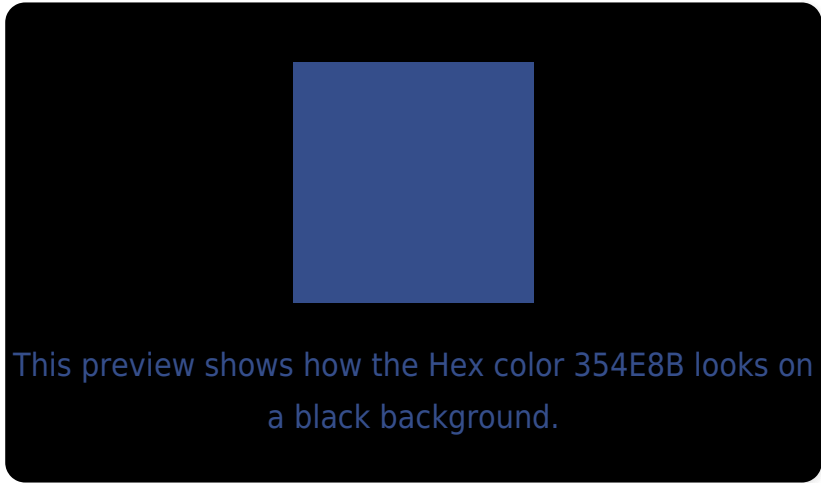
Large Text (above 18pt) WCAG AA ✓ Pass

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 354E8B Background



This preview shows how black text looks on a background with the Hex color 354E8B.



This preview shows how white text looks on a background with the Hex color 354E8B.

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
354E8B

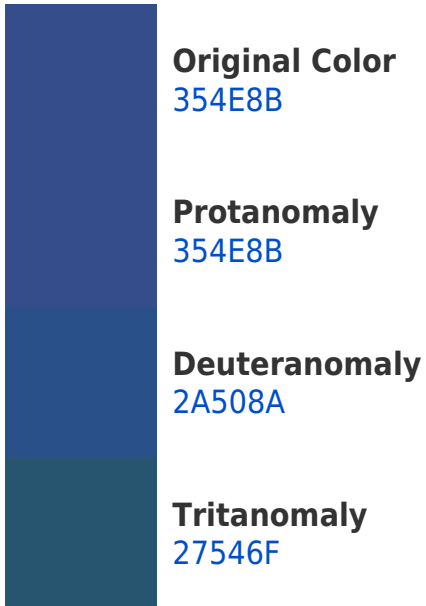
Protanopia
354E8B

Deuteranopia
23518A

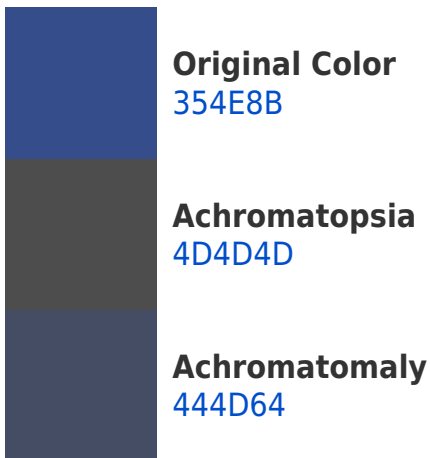


Tritanopia
1F585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 354E8B 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 #354E8B looks like.

```
.text, #text, p{  
    color:#354E8B  
}
```

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 #354E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354E8B
}
```

Border

The CSS property to change the border of an element to Hex 354E8B 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
#354E8B }
```

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

```
.border{ border-color:#354E8B }
```

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

Here you see how a box with a 4 pixel #354E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354E8B; -webkit-box-shadow:4px 4px  
4px 4px #354E8B; box-shadow:4px 4px 4px  
4px #354E8B }
```

Background

The CSS property to change the background color of an element to Hex 354E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354E8B }
```

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

```
.background{ background-color:#354E8B }
```

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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