

Converting Colors

Hex(357EBA)

Have a look what the booklet for
Hex(357EBA) contains.

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Color

Hex(357EBA)

Conversions

Conversions Part 1

Format	Color
Hex	357EBA
RGB	53, 126, 186
RGB Percent	21%, 49%, 73%
CMY	0.7922, 0.5059, 0.2706
CMYK	0.72, 0.32, 0.00, 0.27
HSL	207°, 56%, 47%
HSV	207°, 72%, 73%
XYZ	17.7920, 19.2238, 49.2272
YIQ	111.0130, -62.7680, 3.1840

Conversions

Conversions Part 2

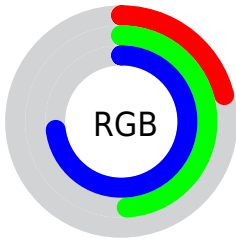
Format	Color
RYB	53, 100, 186
Decimal	3505850
CIELab	50.95, -2.55, -38.07
CIELCh	51, 38.159, 266.172
Yxy	19.2238, 0.2063, 0.2229
Android (android.graphics.Color)	4281695930 (0xFF357EBA)
YUV	111.0130, 36.9686, -50.8774
Hunter-Lab	43.8449, -4.2945, -35.8768




Details

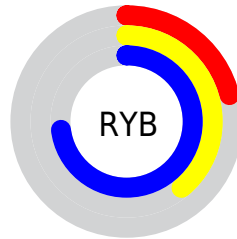
The Hex color **357EBA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA7135**, and the grayscale version is **6F6F6F**.




A 20% lighter version of the original color is **73B2F2**, and **004D84** is the 20% darker color. If you saturate the color by 10%, you get **2276BA**, and if you desaturate by 10%, it is **4886BA**.

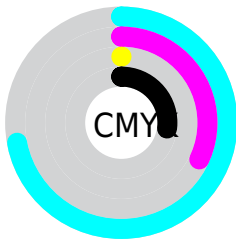
Distribution







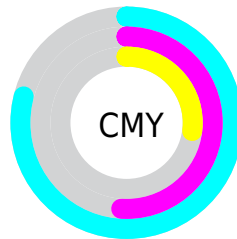
-  Red (21%)
-  Green (49%)
-  Blue (73%)






-  Red (21%)
-  Yellow (39%)
-  Blue (73%)



-  Cyan (72%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (27%)



-  Cyan (79%)
-  Magenta (51%)
-  Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357EBA 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 357EBA by changing the saturation by 10% instead.

■ 357EBA

■ 357EBA

FFFFFF

■ 00659F

■ 73B2F2

■ 004D84

■ 91CEFF

■ 00376B

■ AEEAFF

■ 002252

■ CBFFFF

■ 000B3B

■ E9FFFF

■ 000224

■ 00000D

■ 000000

■ 357EBA

■ 357EBA

■ 2276BA

■ 4886BA

■ 106DBA

■ 5A8FBA

■ 0066BA

■ 6D97BA

■ 7FA0BA

■ 92A8BA

■ A5B0BA

■ B7B9BA

■ CAC1BA

■ DCCABA

Harmonies

Analogous

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



0086AF



357EBA



7572B4

Triad

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



357EBA



B6605E



488754

Complementary

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



357EBA



BA7135

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.



70803D



357EBA



A96A44

Square

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



357EBA



B35E7F



907637



008A74

Rectangle

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



357EBA



926AA7



907637



57854B

Sweetspot

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



357EBA



BFDBF2



35BA71



5C6D7A



FAFAFA



7A7A7A

Same Dimension

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



357EBA



2294F2



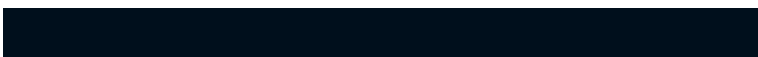
353CBA



53585C



00559C



000F1C

Inverse Universe

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



BA357E



F22294



BAB335



5C5358



9C0055



1C000F

Previews

White Background



This preview shows how the Hex color 357EBA looks on a white background.

Color Contrast Check

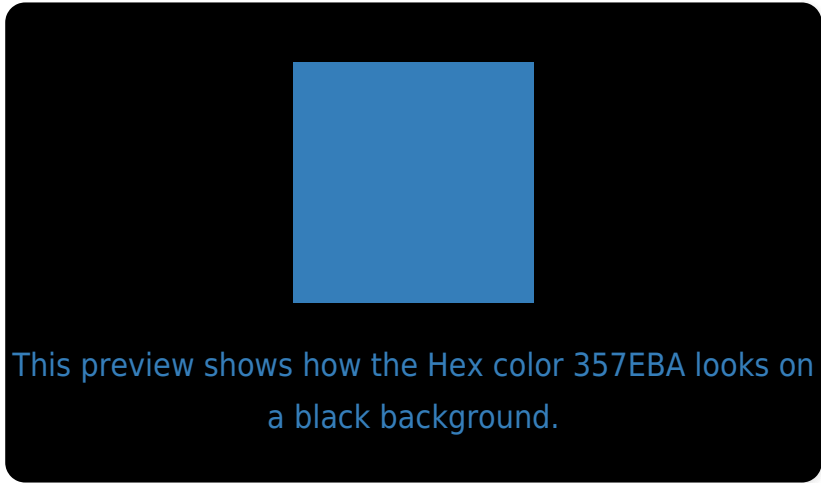
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

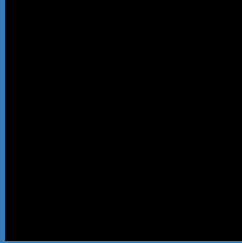
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 357EBA Background



This preview shows how black text looks on a background with the Hex color 357EBA.

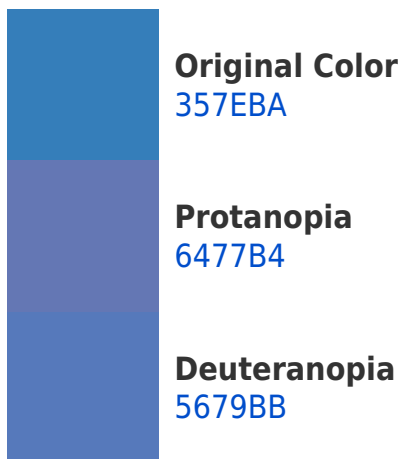


This preview shows how white text looks on a background with the Hex color 357EBA.

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](#).

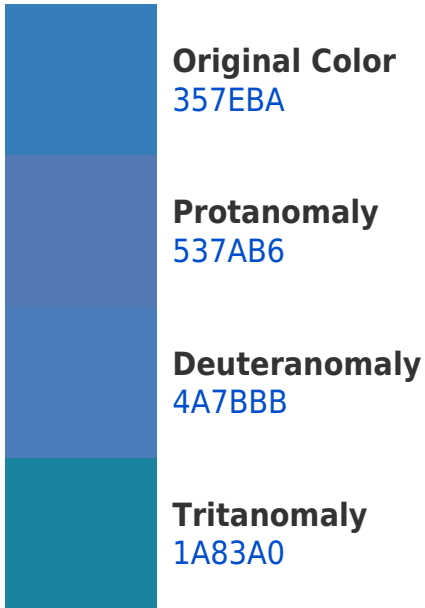
Dichromacy



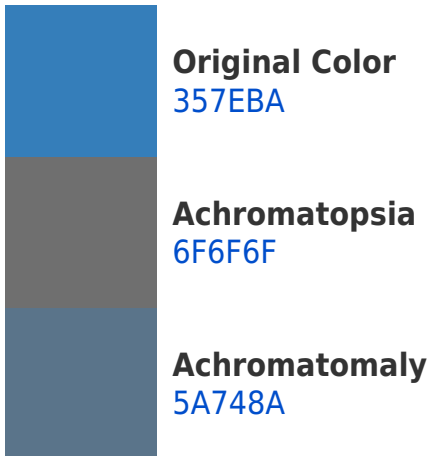


Tritanopia
0A8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 357EBA 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 #357EBA looks like.

```
.text, #text, p{  
    color:#357EBA  
}
```

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 #357EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357EBA
}
```

Border

The CSS property to change the border of an element to Hex 357EBA 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
#357EBA }
```

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

```
.border{ border-color:#357EBA }
```

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

Here you see how a box with a 4 pixel #357EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357EBA; -webkit-box-shadow:4px 4px  
4px 4px #357EBA; box-shadow:4px 4px 4px  
4px #357EBA }
```

Background

The CSS property to change the background color of an element to Hex 357EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357EBA }
```

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

```
.background{ background-color:#357EBA }
```

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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