

Converting Colors

Hex(3358A4)

Have a look what the booklet for
Hex(3358A4) contains.

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Color

Hex(3358A4)

Conversions

Conversions Part 1

Format	Color
Hex	3358A4
RGB	51, 88, 164
RGB Percent	20%, 35%, 64%
CMY	0.8000, 0.6549, 0.3569
CMYK	0.69, 0.46, 0.00, 0.36
HSL	220°, 53%, 42%
HSV	220°, 69%, 64%
XYZ	11.5558, 10.3636, 36.5133
YIQ	85.6010, -46.4480, 15.7920

Conversions

Conversions Part 2

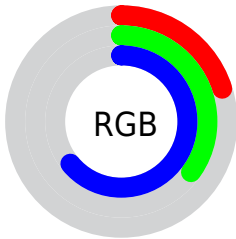
Format	Color
RYB	51, 79, 164
Decimal	3365028
CIELab	38.49, 12.84, -45.01
CIElCh	38, 46.803, 285.923
Yxy	10.3636, 0.1978, 0.1774
Android (android.graphics.Color)	4281555108 (0xFF3358A4)
YUV	85.6010, 38.6507, -30.3451
Hunter-Lab	32.1925, 7.7373, -44.7129

Details

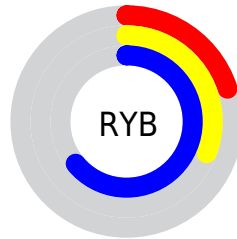
The Hex color **3358A4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A47F33**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6E89DC**, and **002C6F** is the 20% darker color. If you saturate the color by 10%, you get **234DA4**, and if you desaturate by 10%, it is **4363A4**.

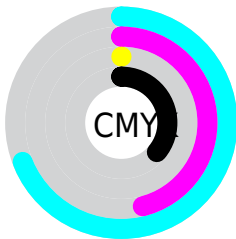
Distribution



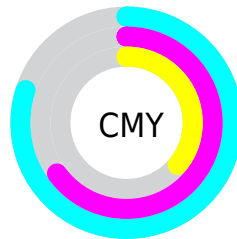
- Red (20%)
- Green (35%)
- Blue (64%)



- Red (20%)
- Yellow (31%)
- Blue (64%)



- Cyan (69%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3358A4 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 3358A4 by changing the saturation by 10% instead.

■ 3358A4

■ 3358A4

FFFFFF

■ 074189

■ 6E89DC

■ 002C6F

■ 8AA4F8

■ 001857

■ A7BFFF

■ 00013F

■ C4DAFF

■ 000328

■ E1F7FF

■ 000112

■ 000000

■ 3358A4

■ 3358A4

■ 234DA4

■ 4363A4

■ 1242A4

■ 546EA4

■ 0237A4

■ 6479A4

■ 0036A4

■ 7584A4

■ 858FA4

■ 959AA4

■ A6A5A4

■ B6B0A4

■ C7BBA4

Harmonies

Analogous

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



0064A4



3358A4



764790

Triad

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



3358A4



944225



006B47

Complementary

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



3358A4



A47F33

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.



2D6721



3358A4



7C5205

Square

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



3358A4



9F3548



5A5F01



006C6E

Rectangle

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



3358A4



8E3C7A



5A5F01



006A3A

Sweetspot

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



3358A4



A9B8D6



33A47E



50596B



EBEBEB



6B6B6B

Same Dimension

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



3358A4



245FD6



4633A4



494C52



003091



000612

Inverse Universe

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



A43358



D6245F



91A433



52494C



910030



120006

Previews

White Background



This preview shows how the Hex color 3358A4 looks on a white background.

Color Contrast Check

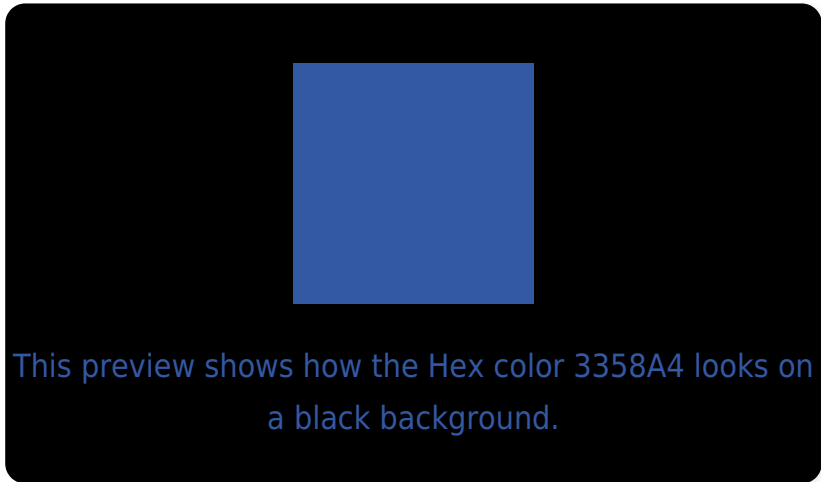
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 3358A4 Background



This preview shows how black text looks on a background with the Hex color 3358A4.



This preview shows how white text looks on a background with the Hex color 3358A4.

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](#).

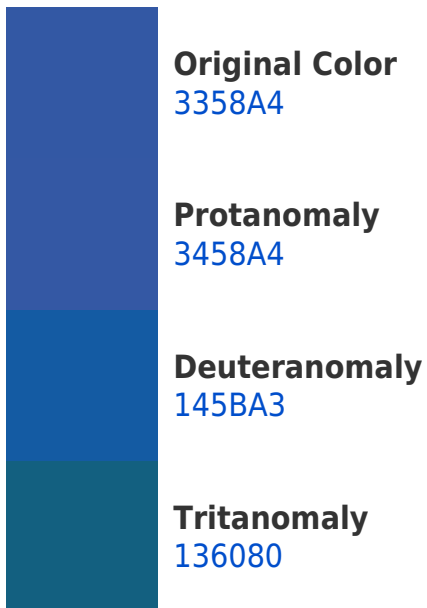
Dichromacy





Tritanopia
00646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3358A4 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 #3358A4 looks like.

```
.text, #text, p{  
    color:#3358A4  
}
```

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 #3358A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3358A4
}
```

Border

The CSS property to change the border of an element to Hex 3358A4 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
#3358A4 }
```

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

```
.border{ border-color:#3358A4 }
```

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

Here you see how a box with a 4 pixel #3358A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3358A4; -webkit-box-shadow:4px 4px  
4px 4px #3358A4; box-shadow:4px 4px 4px  
4px #3358A4 }
```

Background

The CSS property to change the background color of an element to Hex 3358A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3358A4 }
```

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

```
.background{ background-color:#3358A4 }
```

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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