

Converting Colors

Hex(3248A5)

Have a look what the booklet for
Hex(3248A5) contains.

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Color

Hex(3248A5)

Conversions

Conversions Part 1

Format	Color
Hex	3248A5
RGB	50, 72, 165
RGB Percent	20%, 28%, 65%
CMY	0.8039, 0.7176, 0.3529
CMYK	0.70, 0.56, 0.00, 0.35
HSL	229°, 53%, 42%
HSV	229°, 70%, 65%
XYZ	10.4243, 8.0295, 36.5977
YIQ	76.0240, -42.9650, 24.2590

Conversions

Conversions Part 2

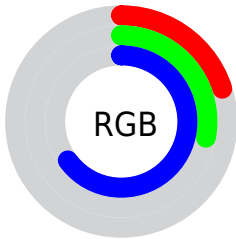
Format	Color
RYB	50, 68, 165
Decimal	3295397
CIELab	34.04, 23.63, -52.77
CIELCh	34, 57.822, 294.118
Yxy	8.0295, 0.1894, 0.1459
Android (android.graphics.Color)	4281485477 (0xFF3248A5)
YUV	76.0240, 43.8652, -22.8230
Hunter-Lab	28.3363, 16.0777, -56.7406

Details

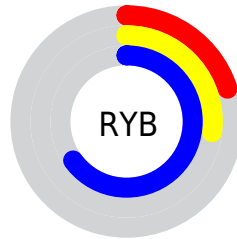
The Hex color **3248A5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A58F32**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6E78DD**, and **001D70** is the 20% darker color. If you saturate the color by 10%, you get **213BA5**, and if you desaturate by 10%, it is **4255A5**.

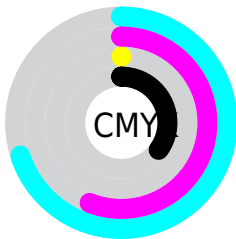
Distribution



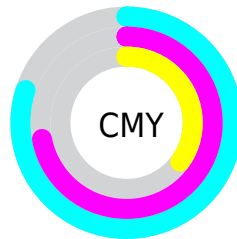
- Red (20%)
- Green (28%)
- Blue (65%)



- Red (20%)
- Yellow (27%)
- Blue (65%)



- Cyan (70%)
- Magenta (56%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (72%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3248A5 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 3248A5 by changing the saturation by 10% instead.

■ 3248A5

■ 3248A5

FFFFFF

■ 01328A

■ 6E78DD

■ 001D70

■ 8B92FA

■ 000857

■ A8ACFF

■ 00063F

■ C5C8FF

■ 000328

■ E2E4FF

■ 000112

■ 000000

■ 3248A5

■ 3248A5

■ 213BA5

■ 4255A5

■ 112DA5

■ 5363A5

■ 0020A5

■ 6370A5

■ 747DA5

■ 848BA5

■ 9598A5

■ A5A5A5

■ B6B3A5

■ C6C0A5

Harmonies

Analogous

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



0059AD



3248A5



7D2E87

Triad

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



3248A5



8A3600



006345

Complementary

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



3248A5



A58F32

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.



006013



3248A5



6A4B00

Square

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



3248A5



9D192E



3F5800



006475

Rectangle

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



3248A5



94196A



3F5800



006235

Sweetspot

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



3248A5



A9B2D6



32A58E



50556B



EBEBEB



6B6B6B

Same Dimension

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



3248A5



2245D6



5432A5



494B52



001C91



000312

Inverse Universe

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



A53248



D62245



83A532



52494B



91001C



120003

Previews

White Background



This preview shows how the Hex color 3248A5 looks on a white background.

Color Contrast Check

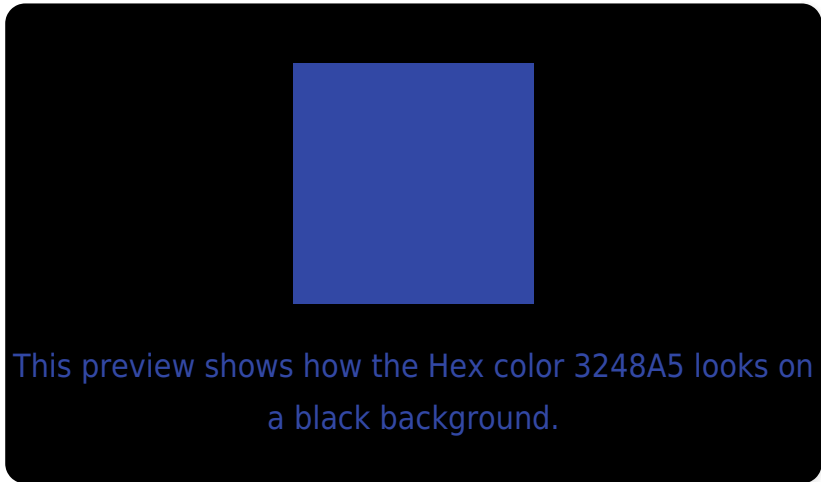
Large Text (above 18pt) WCAG AA ✓ Pass

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

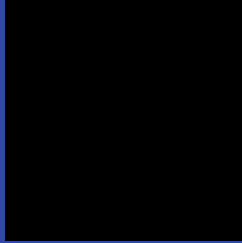
Any Text WCAG AA × Fail

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 3248A5 Background



This preview shows how black text looks on a background with the Hex color 3248A5.

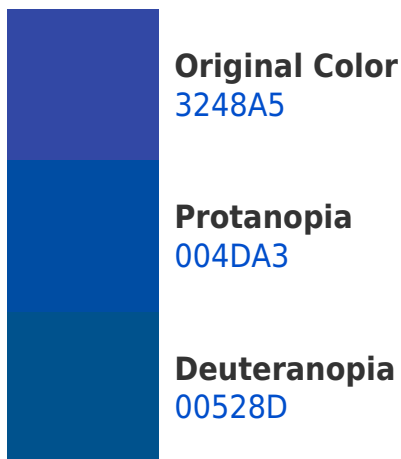


This preview shows how white text looks on a background with the Hex color 3248A5.

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](#).

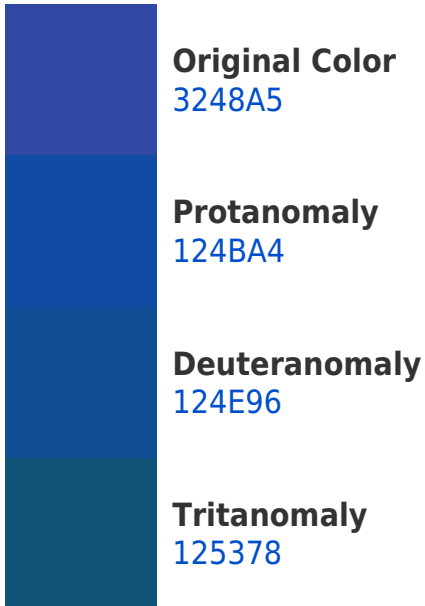
Dichromacy



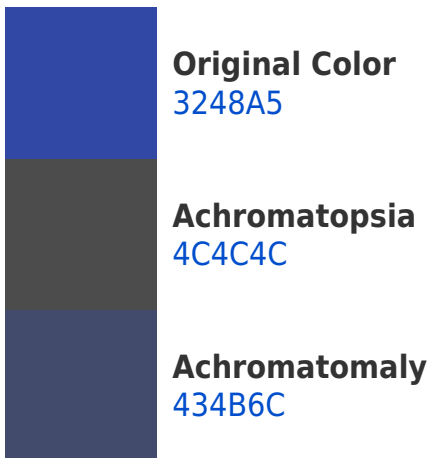


Tritanopia
00595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3248A5 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 #3248A5 looks like.

```
.text, #text, p{  
    color:#3248A5  
}
```

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 #3248A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3248A5
}
```

Border

The CSS property to change the border of an element to Hex 3248A5 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
#3248A5 }
```

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

```
.border{ border-color:#3248A5 }
```

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

Here you see how a box with a 4 pixel #3248A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3248A5; -webkit-box-shadow:4px 4px  
4px 4px #3248A5; box-shadow:4px 4px 4px  
4px #3248A5 }
```

Background

The CSS property to change the background color of an element to Hex 3248A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3248A5 }
```

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

```
.background{ background-color:#3248A5 }
```

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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