

Converting Colors

Hex(6345A1)

Have a look what the booklet for
Hex(6345A1) contains.

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Color

Hex(6345A1)

Conversions

Conversions Part 1

Format	Color
Hex	6345A1
RGB	99, 69, 161
RGB Percent	39%, 27%, 63%
CMY	0.6118, 0.7294, 0.3686
CMYK	0.39, 0.57, 0.00, 0.37
HSL	260°, 40%, 45%
HSV	260°, 57%, 63%
XYZ	13.7067, 9.4821, 34.8260
YIQ	88.4580, -11.6520, 34.9720

Conversions

Conversions Part 2

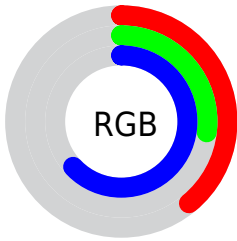
Format	Color
R_{YB}	99, 69, 161
Decimal	6505889
CIE _{Lab}	36.90, 34.20, -45.58
CIE _{LCh}	37, 56.980, 306.884
Yxy	9.4821, 0.2363, 0.1634
Android (android.graphics.Color)	4284695969 (0xFF6345A1)
YUV	88.4580, 35.7632, 9.2453
Hunter-Lab	30.7930, 25.5670, -45.5002

Details

The Hex color **6345A1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **83A145**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9976D8**, and **2D176D** is the 20% darker color. If you saturate the color by 10%, you get **5835A1**, and if you desaturate by 10%, it is **6E55A1**.

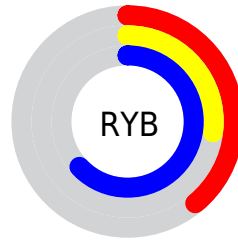
Distribution



Red (39%)

Green (27%)

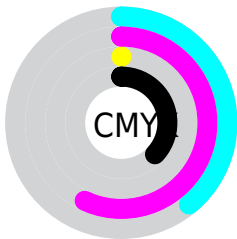
Blue (63%)



Red (39%)

Yellow (27%)

Blue (63%)

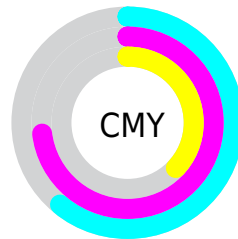


Cyan (39%)

Magenta (57%)

Yellow (0%)

Black (37%)



Cyan (61%)

Magenta (73%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6345A1 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 6345A1 by changing the saturation by 10% instead.

6345A1

6345A1

FFFFFF

482E86

9976D8

2D176D

B590F5

0E0254

D2ABFF

00003C

EFC7FF

000225

FFE3FF

00010E

000000

6345A1

6345A1

5835A1

6E55A1

■ 4D25A1

■ 7965A1

■ 4215A1

■ 8475A1

■ 3805A1

■ 8E85A1

■ 3500A1

■ 9996A1

■ A4A6A1

■ AFB6A1

■ BAC6A1

■ C5D6A1

Harmonies

Analogous

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



0059B3



6345A1



942B7C

Triad

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



6345A1



864700



006B61

Complementary

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



6345A1



83A145

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.



006830



6345A1



615800

Square

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



6345A1



9F2F22



2E6300



006A8D

Rectangle

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



6345A1



A31D5E



2E6300



006A50

Sweetspot

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



6345A1



B9AED1



4584A1



5A5469



E8E8E8



696969

Same Dimension

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



6345A1



7041D1



9045A1



4C4952



2F0091



060012

Inverse Universe

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



A14583



D141A2



56A145



52494F



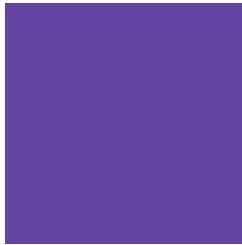
910062



12000C

Previews

White Background



This preview shows how the Hex color 6345A1 looks on a white background.

Color Contrast Check

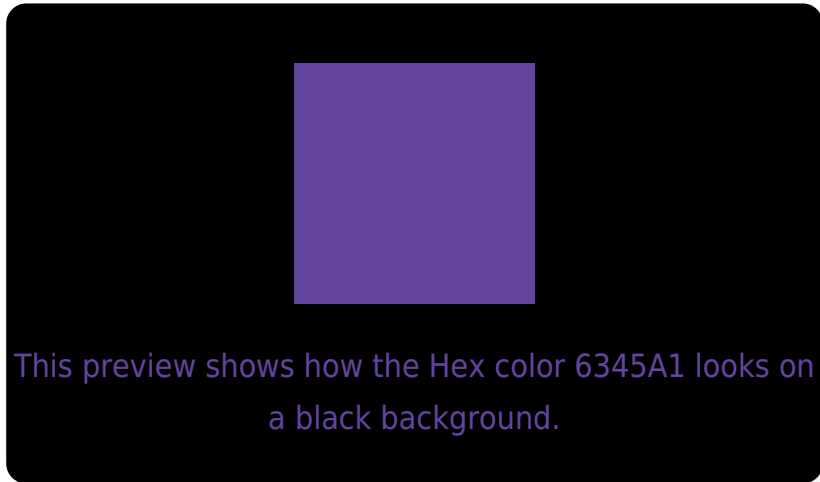
Large Text (above 18pt) WCAG AA ✓ Pass

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

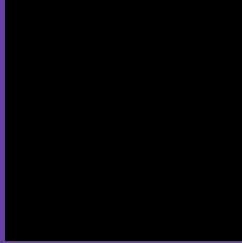
Any Text WCAG AA × Fail

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 6345A1 Background



This preview shows how black text looks on a background with the Hex color 6345A1.



This preview shows how white text looks on a background with the Hex color 6345A1.

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
6345A1

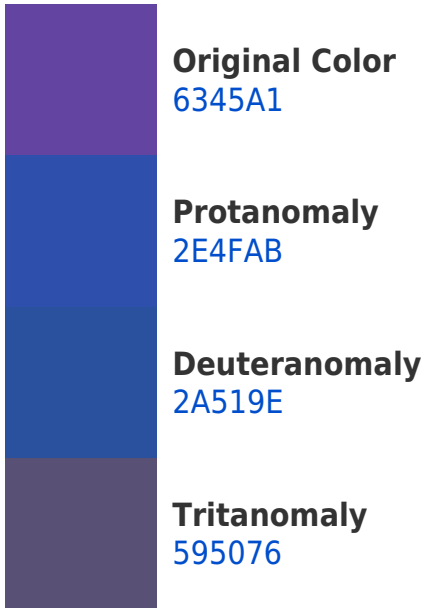
Protanopia
1054B1

Deuteranopia
0A589D

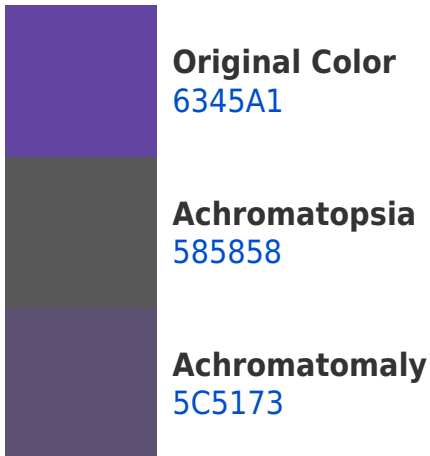


Tritanopia
54575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6345A1 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 #6345A1 looks like.

```
.text, #text, p{  
    color:#6345A1  
}
```

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 #6345A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6345A1
}
```

Border

The CSS property to change the border of an element to Hex 6345A1 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
#6345A1 }
```

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

```
.border{ border-color:#6345A1 }
```

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

Here you see how a box with a 4 pixel #6345A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6345A1; -webkit-box-shadow:4px 4px  
4px 4px #6345A1; box-shadow:4px 4px 4px  
4px #6345A1 }
```

Background

The CSS property to change the background color of an element to Hex 6345A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6345A1 }
```

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

```
.background{ background-color:#6345A1 }
```

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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