

Converting Colors

Hex(653AE2)

Have a look what the booklet for
Hex(653AE2) contains.

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Color

Hex(653AE2)

Conversions

Conversions Part 1

Format	Color
Hex	653AE2
RGB	101, 58, 226
RGB Percent	40%, 23%, 89%
CMY	0.6039, 0.7725, 0.1137
CMYK	0.55, 0.74, 0.00, 0.11
HSL	255°, 74%, 56%
HSV	255°, 74%, 89%
XYZ	20.6074, 11.2838, 73.0434
YIQ	90.0090, -28.3000, 61.3640

Conversions

Conversions Part 2

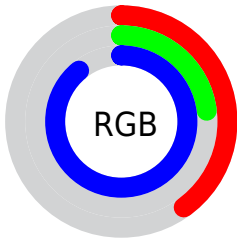
Format	Color
R_{YB}	101, 58, 226
Decimal	6634210
CIE _{Lab}	40.05, 58.76, -78.43
CIE _{LCh}	40, 98.005, 306.840
Yxy	11.2838, 0.1964, 0.1075
Android (android.graphics.Color)	4284824290 (0xFF653AE2)
YUV	90.0090, 67.0436, 9.6391
Hunter-Lab	33.5914, 50.7198, -105.4103

Details

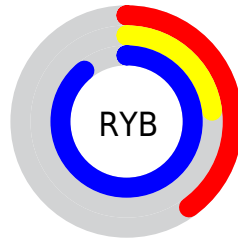
The Hex color **653AE2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **B7E23A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A36EFF**, and **1500A9** is the 20% darker color. If you saturate the color by 10%, you get **5423E2**, and if you desaturate by 10%, it is **7651E2**.

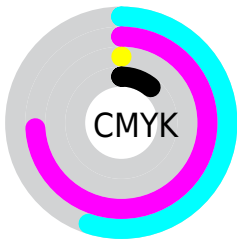
Distribution



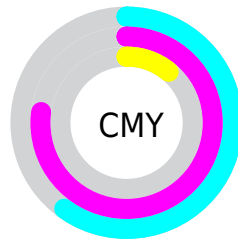
- Red (40%)
- Green (23%)
- Blue (89%)



- Red (40%)
- Yellow (23%)
- Blue (89%)



- Cyan (55%)
- Magenta (74%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (77%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653AE2 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 653AE2 by changing the saturation by 10% instead.

653AE2

653AE2

FFFFFF

4320C5

A36EFF

1500A9

C188FF

00008E

E0A3FF

000073

FFBFFF

00015A

FFDCFF

000741

FFF9FF

00032A

000114

000000

■ 653AE2

■ 653AE2

■ 5423E2

■ 7651E2

■ 430DE2

■ 8767E2

■ 3A00E2

■ 977EE2

■ A894E2

■ B9ABE2

■ CAC2E2

■ DBD8E2

■ ECFE2

■ FCFFE2

Harmonies

Analogous

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



0066FF



653AE2



C5009F

Triad

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



653AE2



A33F00



007B70

Complementary

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



653AE2



B7E23A

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.



007813



653AE2



646200

Square

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



653AE2



D00000



007100



007CBF

Rectangle

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



653AE2



DC006B



007100



007A53

Sweetspot

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



653AE2



D5C7FF



3AB8E2



675E80



000000



808080

Same Dimension

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



653AE2



561CFF



B83AE2



686570



2D00B0



0C0030

Inverse Universe

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



E23AB7



FF1CC5



64E23A



70656D



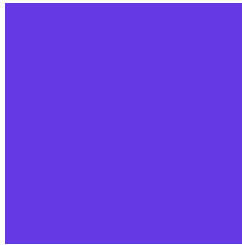
B00083



300024

Previews

White Background



This preview shows how the Hex color 653AE2 looks on a white background.

Color Contrast Check

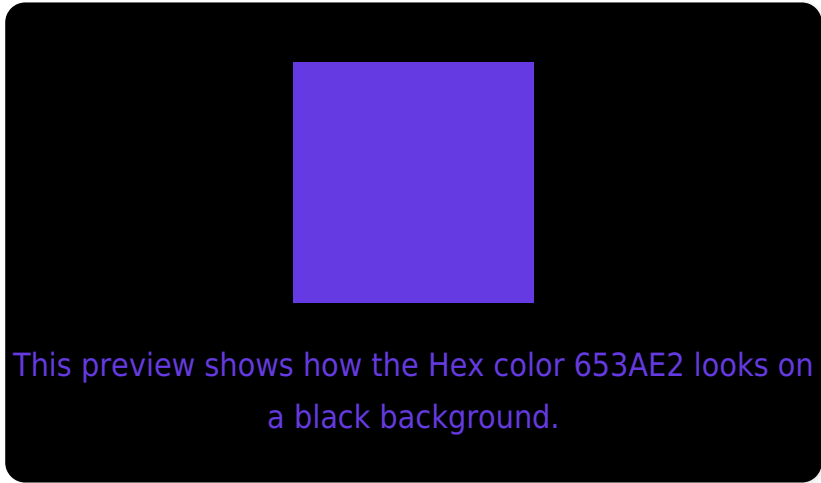
Large Text (above 18pt) WCAG AA ✓ Pass

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 653AE2 Background



This preview shows how black text looks on a background with the Hex color 653AE2.

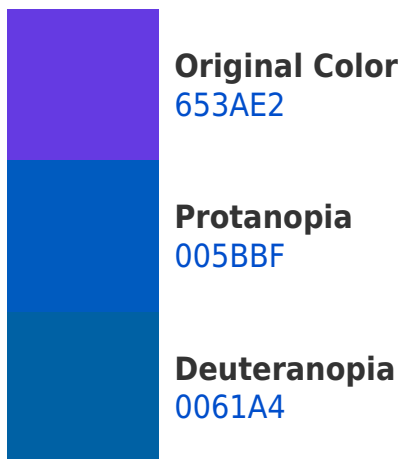



This preview shows how white text looks on a background with the Hex color 653AE2.

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
3B646D

Trichromacy



Original Color
653AE2



Protanomaly
254FCC



Deuteranomaly
2553BB



Tritanomaly
4A5598

Monochromacy



Original Color
653AE2



Achromatopsia
5A5A5A



Achromatomaly
5E4E8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 653AE2 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 #653AE2 looks like.

```
.text, #text, p{  
  color:#653AE2  
}
```

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 #653AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653AE2
}
```

Border

The CSS property to change the border of an element to Hex 653AE2 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
#653AE2 }
```

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

```
.border{ border-color:#653AE2 }
```

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

Here you see how a box with a 4 pixel #653AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653AE2; -webkit-box-shadow:4px 4px  
4px 4px #653AE2; box-shadow:4px 4px 4px  
4px #653AE2 }
```

Background

The CSS property to change the background color of an element to Hex 653AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653AE2 }
```

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

```
.background{ background-color:#653AE2 }
```

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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