

Converting Colors

Hex(653CE1)

Have a look what the booklet for
Hex(653CE1) contains.

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Color

Hex(653CE1)

Conversions

Conversions Part 1

Format	Color
Hex	653CE1
RGB	101, 60, 225
RGB Percent	40%, 24%, 88%
CMY	0.6039, 0.7647, 0.1176
CMYK	0.55, 0.73, 0.00, 0.12
HSL	255°, 73%, 56%
HSV	255°, 73%, 88%
XYZ	20.5733, 11.4347, 72.3569
YIQ	91.0690, -28.5290, 60.0070

Conversions

Conversions Part 2

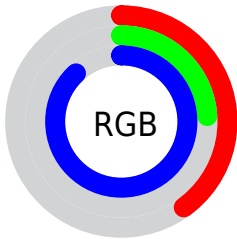
Format	Color
R_{YB}	101, 60, 225
Decimal	6634721
CIE _{Lab}	40.30, 57.52, -77.46
CIE _{LCh}	40, 96.480, 306.600
Yxy	11.4347, 0.1971, 0.1096
Android (android.graphics.Color)	4284824801 (0xFF653CE1)
YUV	91.0690, 66.0280, 8.7095
Hunter-Lab	33.8152, 49.4236, -103.1968

Details

The Hex color **653CE1** 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 **B8E13C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A36FFF**, and **1603A8** is the 20% darker color. If you saturate the color by 10%, you get **5426E1**, and if you desaturate by 10%, it is **7653E1**.

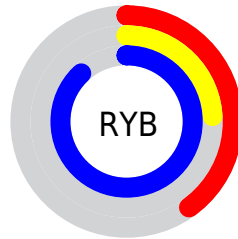
Distribution



Red (40%)

Green (24%)

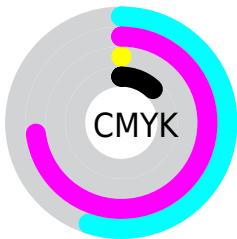
Blue (88%)



Red (40%)

Yellow (24%)

Blue (88%)

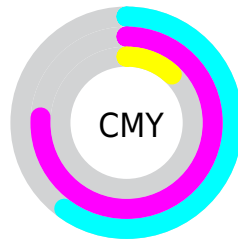


Cyan (55%)

Magenta (73%)

Yellow (0%)

Black (12%)



Cyan (60%)

Magenta (76%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653CE1 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 653CE1 by changing the saturation by 10% instead.

653CE1

653CE1

FFFFFF

4322C4

A36FFF

1603A8

C18AFF

00008D

E0A5FF

000073

FEC1FF

000159

FFDDFF

000740

FFFAFF

000329

000113

000000

■ 653CE1

■ 653CE1

■ 5426E1

■ 7653E1

■ 430FE1

■ 8769E1

■ 3800E1

■ 987FE1

■ A996E1

■ BAADE1

■ CAC3E1

■ DBDAE1

■ ECF0E1

■ FDFFE1

Harmonies

Analogous

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



0067FF



653CE1



C4009F

Triad

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



653CE1



A44000



007B6F

Complementary

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



653CE1



B8E13C

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.



007815



653CE1



656200

Square

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



653CE1



D00000



007200



007CBD

Rectangle

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



653CE1



DB006C



007200



007A54

Sweetspot

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



653CE1



D5C7FF



3CBBE1



675E80



000000



808080

Same Dimension

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



653CE1



561FFF



B53CE1



686570



2C00B0



0C0030

Inverse Universe

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



E13CB8



FF1FC7



68E13C



70656D



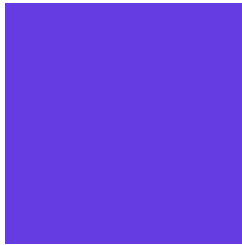
B00084



300024

Previews

White Background



This preview shows how the Hex color 653CE1 looks on a white background.

Color Contrast Check

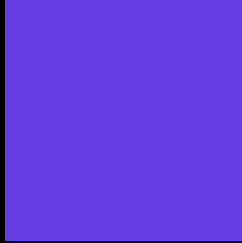
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 653CE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

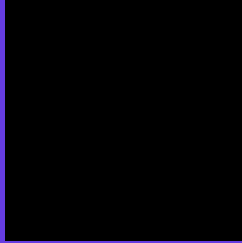
Any Text WCAG AA × Fail

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 653CE1 Background



This preview shows how black text looks on a background with the Hex color 653CE1.

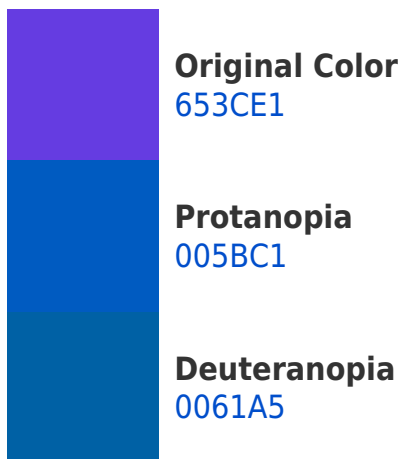



This preview shows how white text looks on a background with the Hex color 653CE1.

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](#).

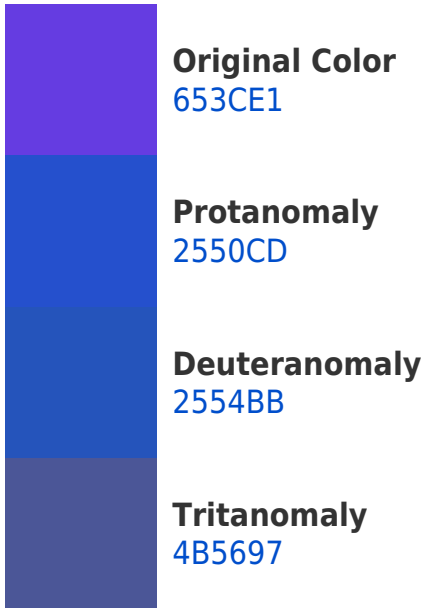
Dichromacy



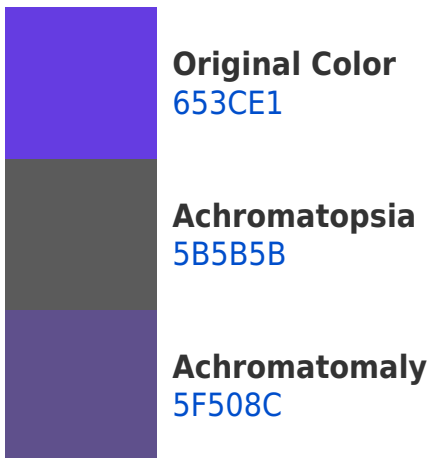


Tritanopia
3C656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 653CE1 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 #653CE1 looks like.

```
.text, #text, p{  
    color:#653CE1  
}
```

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 #653CE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653CE1
}
```

Border

The CSS property to change the border of an element to Hex 653CE1 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
#653CE1 }
```

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

```
.border{ border-color:#653CE1 }
```

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

Here you see how a box with a 4 pixel #653CE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653CE1; -webkit-box-shadow:4px 4px  
4px 4px #653CE1; box-shadow:4px 4px 4px  
4px #653CE1 }
```

Background

The CSS property to change the background color of an element to Hex 653CE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653CE1 }
```

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

```
.background{ background-color:#653CE1 }
```

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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