

Converting Colors

Hex(653DA1)

Have a look what the booklet for
Hex(653DA1) contains.

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Color

Hex(653DA1)

Conversions

Conversions Part 1

Format	Color
Hex	653DA1
RGB	101, 61, 161
RGB Percent	40%, 24%, 63%
CMY	0.6039, 0.7608, 0.3686
CMYK	0.37, 0.62, 0.00, 0.37
HSL	264°, 45%, 44%
HSV	264°, 62%, 63%
XYZ	13.4686, 8.6774, 34.6832
YIQ	84.3600, -8.2600, 39.5800

Conversions

Conversions Part 2

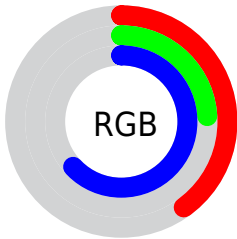
Format	Color
R_{YB}	101, 61, 161
Decimal	6634913
CIE Lab	35.36, 39.31, -48.05
CIE LCh	35, 62.080, 309.292
Yxy	8.6774, 0.2370, 0.1527
Android (android.graphics.Color)	4284824993 (0xFF653DA1)
YUV	84.3600, 37.7835, 14.5933
Hunter-Lab	29.4574, 30.0637, -49.1880

Details

The Hex color **653DA1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **79A13D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9C6ED9**, and **2F0D6C** is the 20% darker color. If you saturate the color by 10%, you get **5B2DA1**, and if you desaturate by 10%, it is **6F4DA1**.

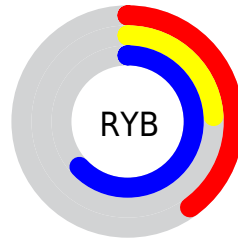
Distribution



Red (40%)

Green (24%)

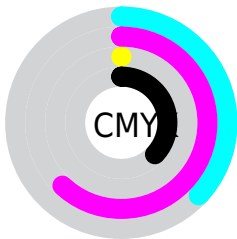
Blue (63%)



Red (40%)

Yellow (24%)

Blue (63%)

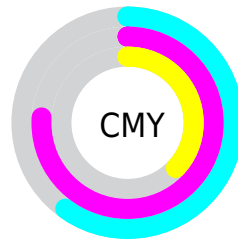


Cyan (37%)

Magenta (62%)

Yellow (0%)

Black (37%)



Cyan (60%)

Magenta (76%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653DA1 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 653DA1 by changing the saturation by 10% instead.

653DA1

653DA1

FFFFFF

4A2586

9C6ED9

2F0D6C

B888F5

100054

D4A3FF

00003C

F2BFFF

000225

FFDBFF

00010D

FFF7FF

000000

653DA1

653DA1

5B2DA1

6F4DA1

521DA1

785DA1

480DA1

826DA1

4000A1

8C7DA1

958EA1

9F9EA1

A9AEA1

B2BEA1

BCCEA1

Harmonies

Analogous

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



0055B7



653DA1



981977

Triad

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



653DA1



814300



006862

Complementary

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



653DA1



79A13D

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.



00662D



653DA1



595600

Square

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



653DA1



9E2615



1B6100



006791

Rectangle

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



653DA1



A60057



1B6100



006751

Sweetspot

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



653DA1



B9A9D1



3D79A1



5A5169



E8E8E8



696969

Same Dimension

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



653DA1



7334D1



973DA1



4D4952



3A0091



070012

Inverse Universe

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



A13D79



D13492



47A13D



52494E



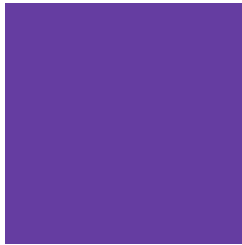
910057



12000B

Previews

White Background



This preview shows how the Hex color 653DA1 looks on a white background.

Color Contrast Check

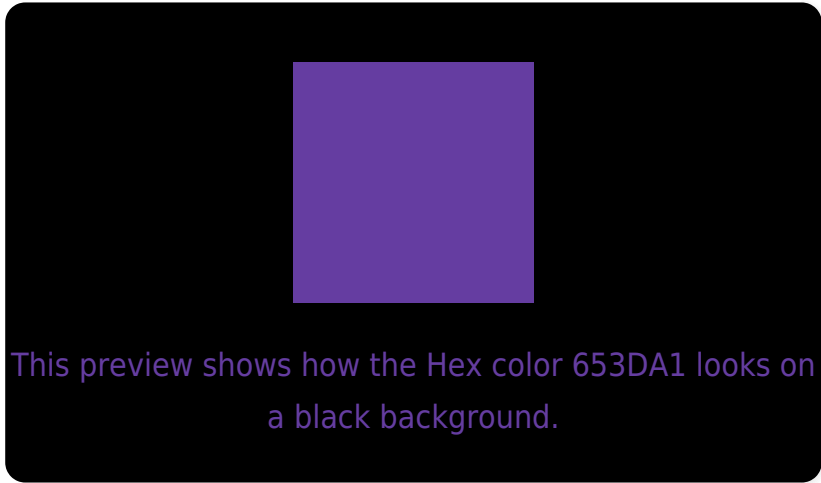
Large Text (above 18pt) WCAG AA ✓ Pass

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

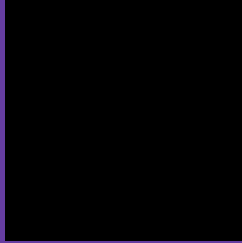
Any Text WCAG AA × Fail

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 653DA1 Background



This preview shows how black text looks on a background with the Hex color 653DA1.

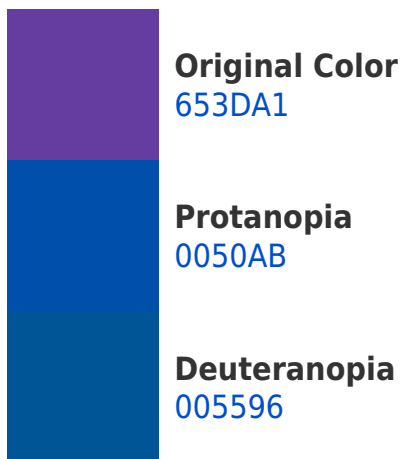



This preview shows how white text looks on a background with the Hex color 653DA1.

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
565258

Trichromacy



Original Color
653DA1

Protanomaly
2549A7

Deuteranomaly
254C9A

Tritanomaly
5B4A73

Monochromacy



Original Color
653DA1

Achromatopsia
545454

Achromatomaly
5A4C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 653DA1 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 #653DA1 looks like.

```
.text, #text, p{  
    color:#653DA1  
}
```

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 #653DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653DA1
}
```

Border

The CSS property to change the border of an element to Hex 653DA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

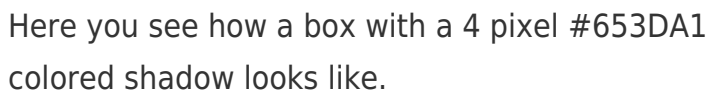
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653DA1 }
```

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

```
.border{ border-color:#653DA1 }
```

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



Here you see how a box with a 4 pixel #653DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653DA1; -webkit-box-shadow:4px 4px  
4px 4px #653DA1; box-shadow:4px 4px 4px  
4px #653DA1 }
```

Background

The CSS property to change the background color of an element to Hex 653DA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653DA1 }
```

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

```
.background{ background-color:#653DA1 }
```

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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