

Converting Colors

Hex(663AA5)

Have a look what the booklet for
Hex(663AA5) contains.

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Color

Hex(663AA5)

Conversions

Conversions Part 1

Format	Color
Hex	663AA5
RGB	102, 58, 165
RGB Percent	40%, 23%, 65%
CMY	0.6000, 0.7725, 0.3529
CMYK	0.38, 0.65, 0.00, 0.35
HSL	265°, 48%, 44%
HSV	265°, 65%, 65%
XYZ	13.7841, 8.5675, 36.5245
YIQ	83.3540, -8.1230, 42.6050

Conversions

Conversions Part 2

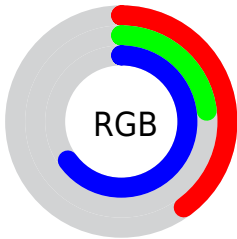
Format	Color
R_{YB}	102, 58, 165
Decimal	6699685
CIE _{Lab}	35.14, 42.27, -50.80
CIE _{LCh}	35, 66.084, 309.767
Yxy	8.5675, 0.2341, 0.1455
Android (android.graphics.Color)	4284889765 (0xFF663AA5)
YUV	83.3540, 40.2515, 16.3525
Hunter-Lab	29.2703, 32.8368, -53.4949

Details

The Hex color **663AA5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **79A53A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9D6CDD**, and **2F0770** is the 20% darker color. If you saturate the color by 10%, you get **5C29A5**, and if you desaturate by 10%, it is **704AA5**.

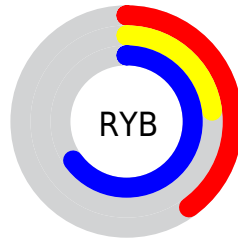
Distribution



Red (40%)

Green (23%)

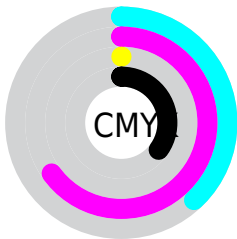
Blue (65%)



Red (40%)

Yellow (23%)

Blue (65%)

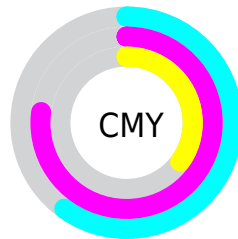


Cyan (38%)

Magenta (65%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (77%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663AA5 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 663AA5 by changing the saturation by 10% instead.



663AA5



663AA5

FFFFFF



4B228A



9D6CDD



2F0770



B986FA



0F0057



D6A0FF



00003F



F4BCFF



000328



FFD8FF



000112



FFF5FF



000000



663AA5



663AA5



5C29A5



704AA5

5319A5

795BA5

4908A5

836BA5

4400A5

8D7CA5

978CA5

A09DA5

AAADA5

B4BEA5

BDCEA5

Harmonies

Analogous

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



0054BD



663AA5



9C0878

Triad

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



663AA5



824200



006863

Complementary

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



663AA5



79A53A

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.



00662B



663AA5



565600

Square

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



663AA5



A0200F



0E6100



006896

Rectangle

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



663AA5



AA0056



0E6100



006851

Sweetspot

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



663AA5



BEAED6



3A7AA5



5D526B



EBEBEB



6B6B6B

Same Dimension

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



663AA5



742FD6



9A3AA5



4D4952



3C0091



070012

Inverse Universe

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



A53A79



D62F91



45A53A



52494E



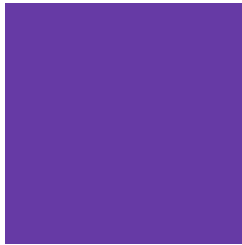
910056



12000B

Previews

White Background



This preview shows how the Hex color 663AA5 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 663AA5 Background



This preview shows how black text looks on a background with the Hex color 663AA5.

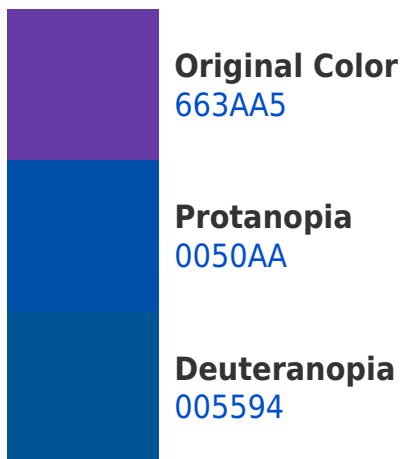


This preview shows how white text looks on a background with the Hex color 663AA5.

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
555158

Trichromacy



Original Color
663AA5



Protanomaly
2548A8



Deuteranomaly
254B9A



Tritanomaly
5B4974

Monochromacy



Original Color
663AA5



Achromatopsia
535353



Achromatomaly
5A4A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 663AA5 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 #663AA5 looks like.

```
.text, #text, p{  
    color:#663AA5  
}
```

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 #663AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663AA5
}
```

Border

The CSS property to change the border of an element to Hex 663AA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

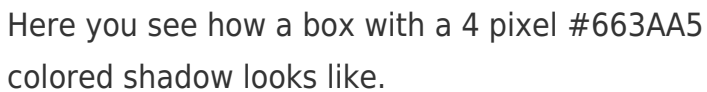
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663AA5 }
```

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

```
.border{ border-color:#663AA5 }
```

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



Here you see how a box with a 4 pixel #663AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663AA5; -webkit-box-shadow:4px 4px  
4px 4px #663AA5; box-shadow:4px 4px 4px  
4px #663AA5 }
```

Background

The CSS property to change the background color of an element to Hex 663AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663AA5 }
```

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

```
.background{ background-color:#663AA5 }
```

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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