

Converting Colors

Hex(6A55A3)

Have a look what the booklet for
Hex(6A55A3) contains.

Hex(6A55A3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A55A3)

Conversions

Conversions Part 1

Format	Color
Hex	6A55A3
RGB	106, 85, 163
RGB Percent	42%, 33%, 64%
CMY	0.5843, 0.6667, 0.3608
CMYK	0.35, 0.48, 0.00, 0.36
HSL	256°, 31%, 49%
HSV	256°, 48%, 64%
XYZ	15.8032, 12.2055, 36.1733
YIQ	100.1710, -12.5220, 28.7100

Conversions

Conversions Part 2

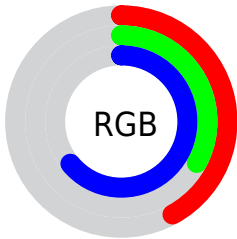
Format	Color
R_{YB}	106, 85, 163
Decimal	6968739
CIE _{Lab}	41.54, 26.92, -39.31
CIE _{LCh}	42, 47.643, 304.404
Yxy	12.2055, 0.2462, 0.1902
Android (android.graphics.Color)	4285158819 (0xFF6A55A3)
YUV	100.1710, 30.9747, 5.1120
Hunter-Lab	34.9364, 19.6045, -36.9337

Details

The Hex color **6A55A3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8EA355**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A087DA**, and **36276F** is the 20% darker color. If you saturate the color by 10%, you get **5E45A3**, and if you desaturate by 10%, it is **7665A3**.

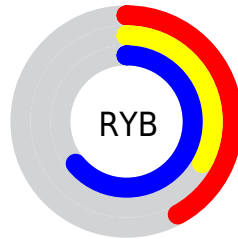
Distribution



Red (42%)

Green (33%)

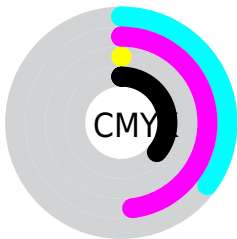
Blue (64%)



Red (42%)

Yellow (33%)

Blue (64%)

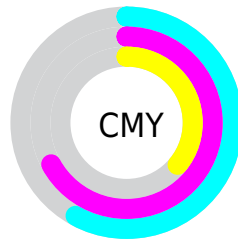


Cyan (35%)

Magenta (48%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (67%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A55A3 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 6A55A3 by changing the saturation by 10% instead.

6A55A3

6A55A3

FFFFFF

503D88

A087DA

36276F

BBA1F7

1B1256

D8BDFF

04003E

F5D8FF

000327

FFF5FF

000111

000000

6A55A3

6A55A3

5E45A3

7665A3

5234A3

8276A3

4624A3

8E86A3

3A14A3

9A96A3

2E03A3

A6A6A3

2C00A3

B1B7A3

BDC7A3

C9D7A3

D5E8A3

Harmonies

Analogous

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



0065B0



6A55A3



964485

Triad

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



6A55A3



905318



007467

Complementary

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



6A55A3



8EA355

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.



00723E



6A55A3



706204

Square

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



6A55A3



A44338



486C1A



00748D

Rectangle

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



6A55A3



A43C6B



486C1A



007459

Sweetspot

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



6A55A3



BEB6D4



558EA3



5E596B



EBEBEB



6B6B6B

Same Dimension

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



6A55A3



7B5BD4



9155A3



4C4952



270091



050012

Inverse Universe

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



A3558E



D45BB3



67A355



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 6A55A3 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 6A55A3 Background



This preview shows how black text looks on a background with the Hex color 6A55A3.

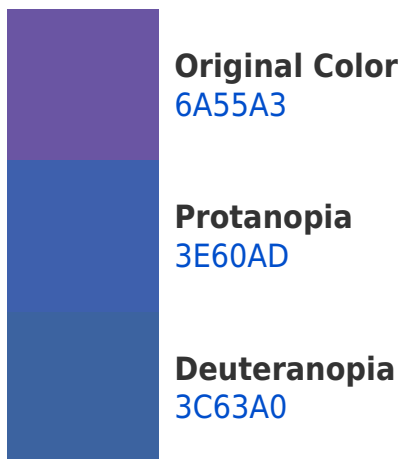


This preview shows how white text looks on a background with the Hex color 6A55A3.

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
5E626A

Trichromacy



Original Color
6A55A3

Protanomaly
4E5CA9

Deuteranomaly
4D5EA1

Tritanomaly
625D7F

Monochromacy



Original Color
6A55A3

Achromatopsia
646464

Achromatomaly
665F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A55A3 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 #6A55A3 looks like.

```
.text, #text, p{  
    color:#6A55A3  
}
```

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 #6A55A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A55A3
}
```

Border

The CSS property to change the border of an element to Hex 6A55A3 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
#6A55A3 }
```

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

```
.border{ border-color:#6A55A3 }
```

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

Here you see how a box with a 4 pixel #6A55A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A55A3; -webkit-box-shadow:4px 4px  
4px 4px #6A55A3; box-shadow:4px 4px 4px  
4px #6A55A3 }
```

Background

The CSS property to change the background color of an element to Hex 6A55A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A55A3 }
```

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

```
.background{ background-color:#6A55A3 }
```

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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