

Converting Colors

Hex(6255A3)

Have a look what the booklet for
Hex(6255A3) contains.

Hex(6255A3)	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(6255A3)

Conversions

Conversions Part 1

Format	Color
Hex	6255A3
RGB	98, 85, 163
RGB Percent	38%, 33%, 64%
CMY	0.6157, 0.6667, 0.3608
CMYK	0.40, 0.48, 0.00, 0.36
HSL	250°, 31%, 49%
HSV	250°, 48%, 64%
XYZ	14.8964, 11.7380, 36.1309
YIQ	97.7790, -17.2900, 27.0140

Conversions

Conversions Part 2

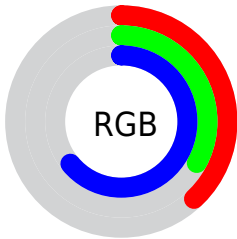
Format	Color
R_{YB}	98, 85, 163
Decimal	6444451
CIE _{Lab}	40.80, 24.76, -40.54
CIE _{LCh}	41, 47.504, 301.420
Yxy	11.7380, 0.2373, 0.1870
Android (android.graphics.Color)	4284634531 (0xFF6255A3)
YUV	97.7790, 32.1540, 0.1938
Hunter-Lab	34.2608, 17.6542, -38.5437

Details

The Hex color **6255A3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **96A355**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9887DA**, and **2D286F** is the 20% darker color. If you saturate the color by 10%, you get **5445A3**, and if you desaturate by 10%, it is **7065A3**.

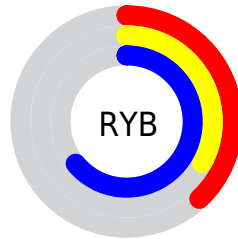
Distribution



Red (38%)

Green (33%)

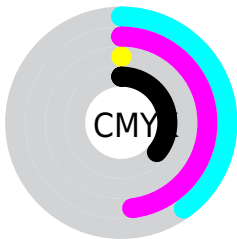
Blue (64%)



Red (38%)

Yellow (33%)

Blue (64%)

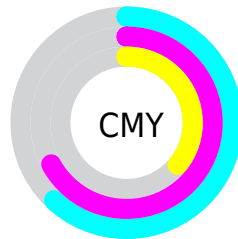


Cyan (40%)

Magenta (48%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (67%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6255A3 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 6255A3 by changing the saturation by 10% instead.

6255A3

6255A3

FFFFFF

483E88

9887DA

2D286F

B3A1F7

0F1356

D0BCFF

00003E

EDD8FF

000327

FFF5FF

000111

000000

6255A3

6255A3

5445A3

7065A3

4734A3

7D76A3

3924A3

8B86A3

2C14A3

9896A3

1E03A3

A6A6A3

1B00A3

B3B7A3

C1C7A3

CFD7A3

DCE8A3

Harmonies

Analogous

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



0064AE



6255A3



904386

Triad

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



6255A3



905019



007261

Complementary

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



6255A3



96A355

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.



007039



6255A3



725F02

Square

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



6255A3



A3403A



4A6A15



007288

Rectangle

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



6255A3



A03B6D



4A6A15



007253

Sweetspot

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



6255A3



BBB6D4



5596A3



5C596B



EBEBEB



6B6B6B

Same Dimension

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



6255A3



6F5BD4



8955A3



4B4952



180091



030012

Inverse Universe

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



A35596



D45BC0



6FA355



524950



910079



12000F

Previews

White Background



This preview shows how the Hex color 6255A3 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

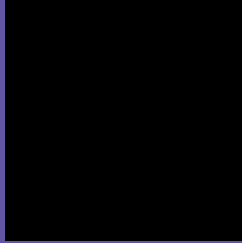
Any Text WCAG AA × Fail

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 6255A3 Background



This preview shows how black text looks on a background with the Hex color 6255A3.

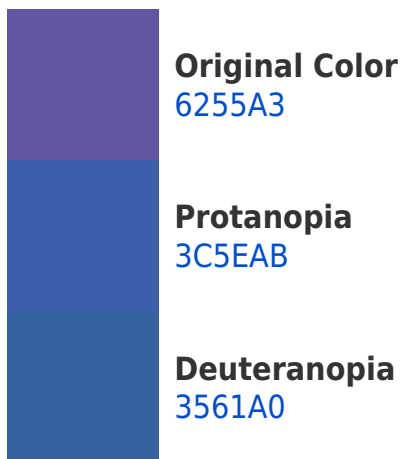


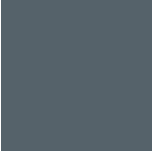
This preview shows how white text looks on a background with the Hex color 6255A3.

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](#).

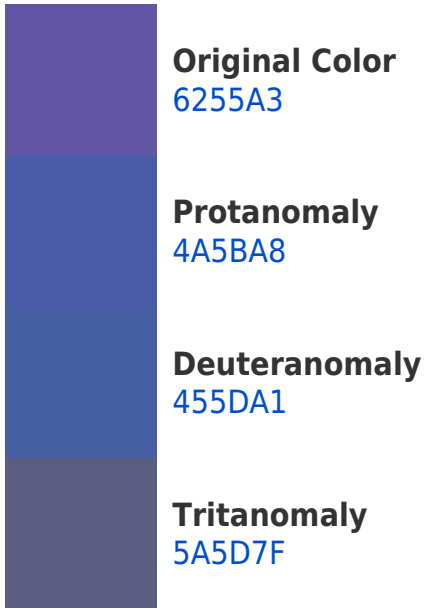
Dichromacy



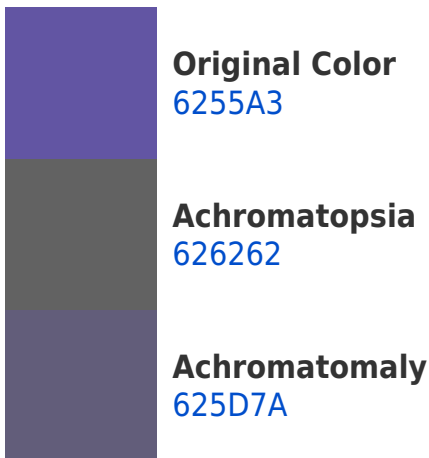


Tritanopia
55626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6255A3 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 #6255A3 looks like.

```
.text, #text, p{  
    color:#6255A3  
}
```

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 #6255A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6255A3  
}
```

Border

The CSS property to change the border of an element to Hex 6255A3 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  
#6255A3 }
```

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

```
.border{ border-color:#6255A3 }
```

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

Here you see how a box with a 4 pixel #6255A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6255A3; -webkit-box-shadow:4px 4px  
4px 4px #6255A3; box-shadow:4px 4px 4px  
4px #6255A3 }
```

Background

The CSS property to change the background color of an element to Hex 6255A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6255A3 }
```

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

```
.background{ background-color:#6255A3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor