

Converting Colors

Hex(6255A0)

Have a look what the booklet for
Hex(6255A0) contains.

| | |
|--|----|
| Hex(6255A0) | 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(6255A0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6255A0 |
| RGB | 98, 85, 160 |
| RGB Percent | 38%, 33%, 63% |
| CMY | 0.6157, 0.6667, 0.3725 |
| CMYK | 0.39, 0.47, 0.00, 0.37 |
| HSL | 250°, 31%, 48% |
| HSV | 250°, 47%, 63% |
| XYZ | 14.6307, 11.6317, 34.7317 |
| YIQ | 97.4370, -16.3270, 26.0810 |

Conversions

Conversions Part 2

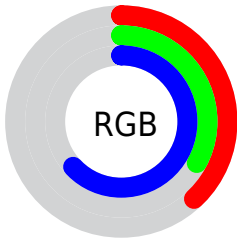
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 98, 85, 160 |
| Decimal | 6444448 |
| CIE _{Lab} | 40.62, 23.89, -39.02 |
| CIE _{LCh} | 41, 45.758, 301.478 |
| Yxy | 11.6317, 0.2399, 0.1907 |
| Android (android.graphics.Color) | 4284634528 (0xFF6255A0) |
| YUV | 97.4370, 30.8436, 0.4938 |
| Hunter-Lab | 34.1053, 16.8895, -36.5052 |

Details

The Hex color **6255A0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **93A055**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9787D7**, and **2E286C** is the 20% darker color. If you saturate the color by 10%, you get **5545A0**, and if you desaturate by 10%, it is **6F65A0**.

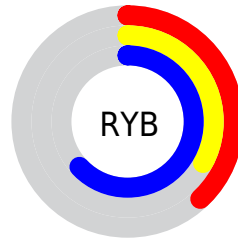
Distribution



Red (38%)

Green (33%)

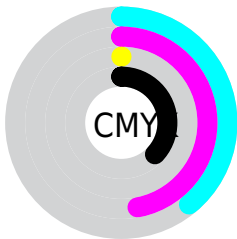
Blue (63%)



Red (38%)

Yellow (33%)

Blue (63%)

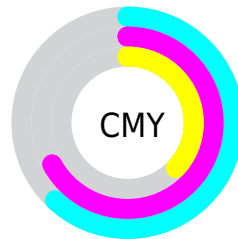


Cyan (39%)

Magenta (47%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (67%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6255A0 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 6255A0 by changing the saturation by 10% instead.

■ 6255A0

■ 6255A0

FFFFFF

■ 483E86

■ 9787D7

■ 2E286C

■ B3A1F4

■ 111353

■ CFBCFF

■ 00003C

■ ECD8FF

■ 000225

■ FFF4FF

■ 00010D

■ 000000

■ 6255A0

■ 6255A0

■ 5545A0

■ 6F65A0

4835A0

7C75A0

3A25A0

8A85A0

2D15A0

9795A0

2005A0

A4A5A0

1C00A0

B1B5A0

BFC5A0

CCD5A0

D9E5A0

Harmonies

Analogous

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



0064AB



6255A0



8E4484

Triad

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



6255A0



8E501C



007161

Complementary

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



6255A0



93A055

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.



016F3A



6255A0



715F08

Square

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



6255A0



A0413B



4B6919



007186

Rectangle

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



6255A0



9E3D6C



4B6919



007153

Sweetspot

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



6255A0



B9B4D1



5593A0



5A5769



E8E8E8



696969

Same Dimension

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



6255A0



705CD1



8755A0



49474F



19008F



03000F

Inverse Universe

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



A05593



D15CBD



6EA055



4F474E



8F0076



0F000D

Previews

White Background



This preview shows how the Hex color 6255A0 looks on a white background.

Color Contrast Check

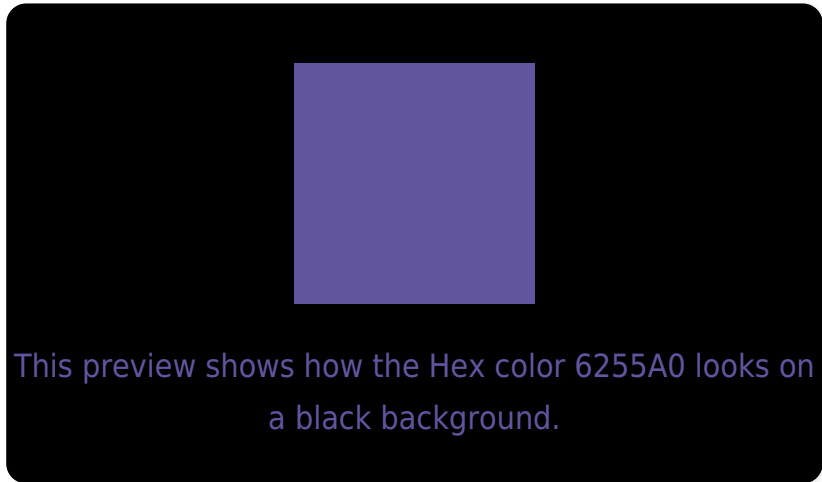
Large Text (above 18pt) WCAG AA ✓ Pass

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

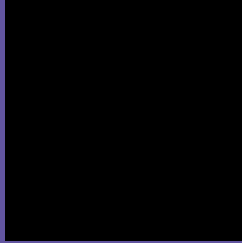
Any Text WCAG AA × Fail

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 6255A0 Background



This preview shows how black text looks on a background with the Hex color 6255A0.

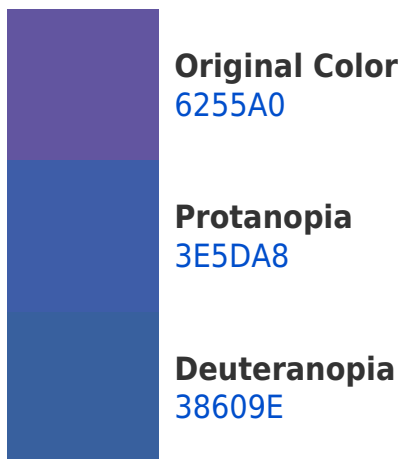


This preview shows how white text looks on a background with the Hex color 6255A0.

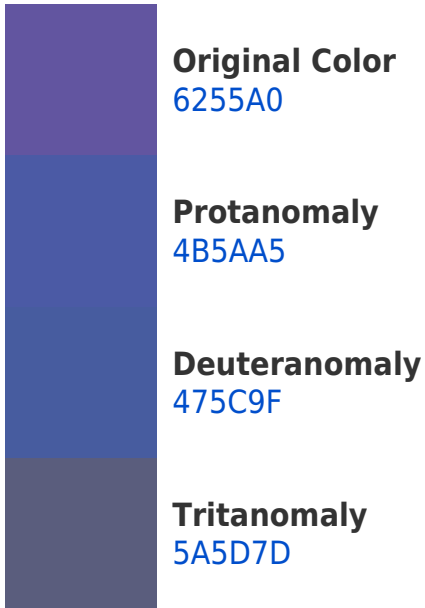
Color Blindness Simulation

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](#).

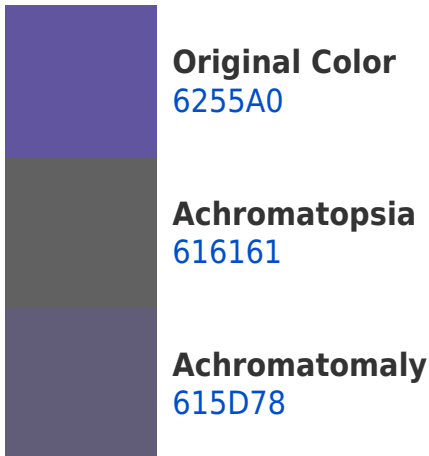
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6255A0 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 #6255A0 looks like.

```
.text, #text, p{  
    color:#6255A0  
}
```

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 #6255A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6255A0
}
```

Border

The CSS property to change the border of an element to Hex 6255A0 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
#6255A0 }
```

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

```
.border{ border-color:#6255A0 }
```

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

Here you see how a box with a 4 pixel #6255A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6255A0; -webkit-box-shadow:4px 4px  
4px 4px #6255A0; box-shadow:4px 4px 4px  
4px #6255A0 }
```

Background

The CSS property to change the background color of an element to Hex 6255A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6255A0 }
```

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

```
.background{ background-color:#6255A0 }
```

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