

Converting Colors

Hex(6458A5)

Have a look what the booklet for
Hex(6458A5) contains.

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Color

Hex(6458A5)

Conversions

Conversions Part 1

Format	Color
Hex	6458A5
RGB	100, 88, 165
RGB Percent	39%, 35%, 65%
CMY	0.6078, 0.6549, 0.3529
CMYK	0.39, 0.47, 0.00, 0.35
HSL	249°, 30%, 50%
HSV	249°, 47%, 65%
XYZ	15.5368, 12.4054, 37.1729
YIQ	100.3660, -17.5650, 26.4910

Conversions

Conversions Part 2

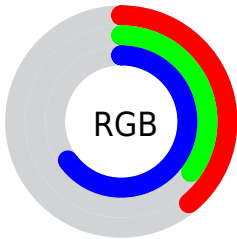
Format	Color
R_{YB}	100, 88, 165
Decimal	6576293
CIE _{Lab}	41.85, 24.02, -40.04
CIE _{LCh}	42, 46.688, 300.962
Yxy	12.4054, 0.2386, 0.1905
Android (android.graphics.Color)	4284766373 (0xFF6458A5)
YUV	100.3660, 31.8646, -0.3210
Hunter-Lab	35.2213, 17.1026, -37.9204

Details

The Hex color **6458A5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **99A558**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9A8ADC**, and **2F2A71** is the 20% darker color. If you saturate the color by 10%, you get **5648A5**, and if you desaturate by 10%, it is **7268A5**.

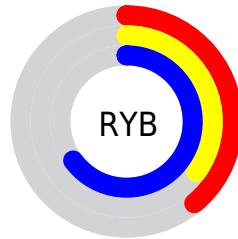
Distribution



Red (39%)

Green (35%)

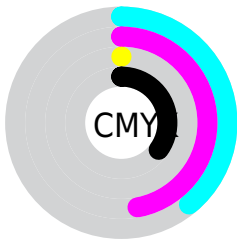
Blue (65%)



Red (39%)

Yellow (35%)

Blue (65%)

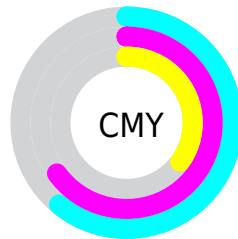


Cyan (39%)

Magenta (47%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6458A5 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 6458A5 by changing the saturation by 10% instead.

6458A5

6458A5

FFFFFF

4A418A

9A8ADC

2F2A71

B5A4F9

121658

D2C0FF

000040

EFDBFF

000329

FFF8FF

000113

000000

6458A5

6458A5

5648A5

7268A5

■ 4837A5

■ 8079A5

■ 3A27A5

■ 8E8AA5

■ 2C16A5

■ 9C9AA5

■ 1E06A5

■ AAABA5

■ 1A00A5

■ B8BBA5

■ C5CBA5

■ D3DCA5

■ E1ECA5

Harmonies

Analogous

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



0067B0



6458A5



924789

Triad

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



6458A5



93531E



007563

Complementary

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



6458A5



99A558

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.



06723B



6458A5



756109

Square

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



6458A5



A5433E



4E6C1A



007489

Rectangle

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



6458A5



A23F70



4E6C1A



007455

Sweetspot

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



6458A5



BDB8D6



5899A5



5C596B



EBEBEB



6B6B6B

Same Dimension

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



6458A5



715ED6



8A58A5



4B4952



170091



030012

Inverse Universe

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



A55899



D65EC4



73A558



524950



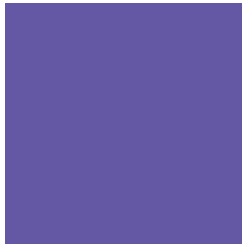
91007B



12000F

Previews

White Background



This preview shows how the Hex color 6458A5 looks on a white background.

Color Contrast Check

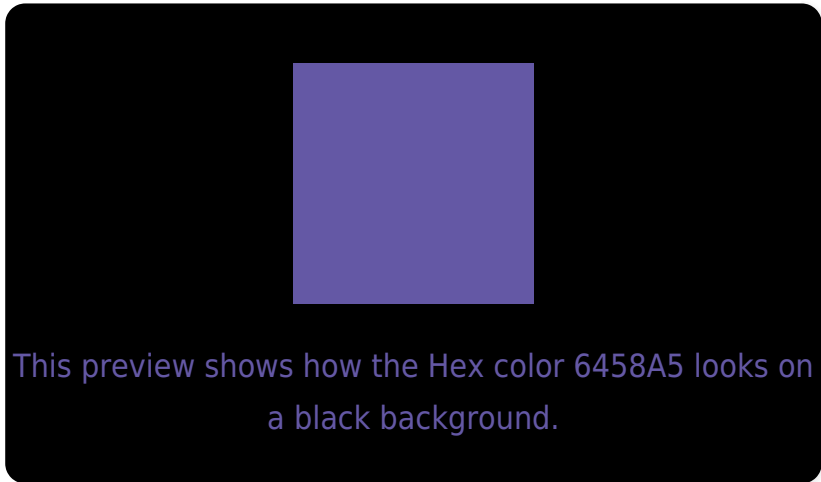
Large Text (above 18pt) WCAG AA ✓ Pass

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

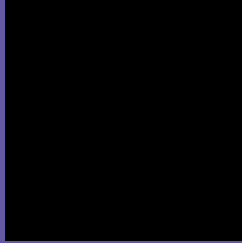
Any Text WCAG AA × Fail

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 6458A5 Background



This preview shows how black text looks on a background with the Hex color 6458A5.

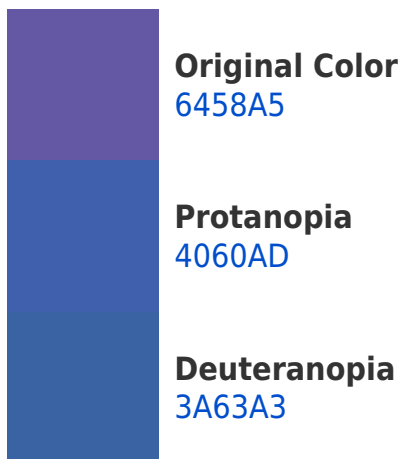


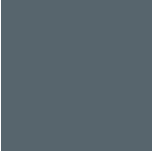
This preview shows how white text looks on a background with the Hex color 6458A5.

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
57656D

Trichromacy



Original Color
6458A5

Protanomaly
4D5DAA

Deuteranomaly
495FA4

Tritanomaly
5C6081

Monochromacy



Original Color
6458A5

Achromatopsia
646464

Achromatomaly
64607C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6458A5 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 #6458A5 looks like.

```
.text, #text, p{  
    color:#6458A5  
}
```

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 #6458A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6458A5
}
```

Border

The CSS property to change the border of an element to Hex 6458A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

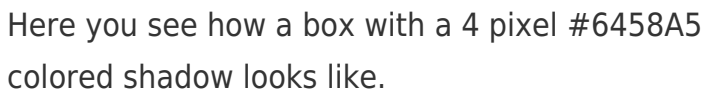
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6458A5 }
```

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

```
.border{ border-color:#6458A5 }
```

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



Here you see how a box with a 4 pixel #6458A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6458A5; -webkit-box-shadow:4px 4px  
4px 4px #6458A5; box-shadow:4px 4px 4px  
4px #6458A5 }
```

Background

The CSS property to change the background color of an element to Hex 6458A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6458A5 }
```

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

```
.background{ background-color:#6458A5 }
```

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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