

# Converting Colors

Hex(6463A5)

Have a look what the booklet for  
Hex(6463A5) contains.

<b>Hex(6463A5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6463A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6463A5
RGB	100, 99, 165
RGB Percent	39%, 39%, 65%
CMY	0.6078, 0.6118, 0.3529
CMYK	0.39, 0.40, 0.00, 0.35
HSL	241°, 27%, 52%
HSV	241°, 40%, 65%
XYZ	16.5089, 14.3496, 37.4969
YIQ	106.8230, -20.5900, 20.7380

# Conversions

## Conversions Part 2

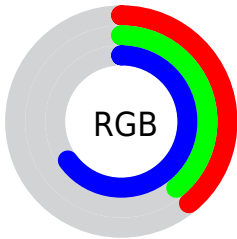
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 99, 165
Decimal	6579109
CIE <sub>Lab</sub>	44.73, 17.21, -35.48
CIE <sub>LCh</sub>	45, 39.432, 295.870
Yxy	14.3496, 0.2415, 0.2099
Android (android.graphics.Color)	4284769189 (0xFF6463A5)
YUV	106.8230, 28.6813, -5.9838
Hunter-Lab	37.8809, 11.5007, -32.1724

# Details

The Hex color **6463A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A4A563**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9996DC**, and **303571** is the 20% darker color. If you saturate the color by 10%, you get **5452A5**, and if you desaturate by 10%, it is **7473A5**.

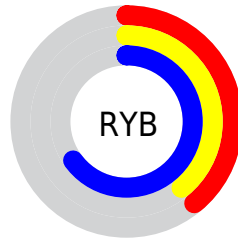
# Distribution



Red (39%)

Green (39%)

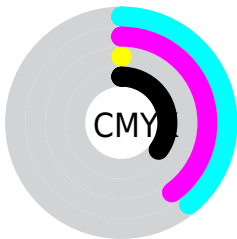
Blue (65%)



Red (39%)

Yellow (39%)

Blue (65%)

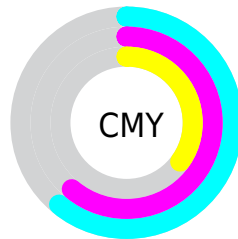


Cyan (39%)

Magenta (40%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (61%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6463A5 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 6463A5 by changing the saturation by 10% instead.



■ 6463A5

■ 6463A5

FFFFFF

■ 4A4B8A

■ 9996DC

■ 303571

■ B5B0F9

■ 142058

■ D1CCFF

■ 000A40

■ EEE8FF

■ 000329

■ 000114

■ 000000

■ 6463A5

■ 6463A5

■ 5452A5

■ 7473A5

■ 4342A5

■ 8484A5

■ 3332A5

■ 9594A5

■ 2321A5

■ A5A5A5

■ 1310A5

■ B5B6A5

■ 0200A5

■ C5C6A5

■ D6D6A5

■ E6E7A5

■ F6F7A5

# Harmonies

## Analogous

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



0E6FAB



6463A5



8E568F

# Triad

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



6463A5



995A34



007A64

# Complementary

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



6463A5



A4A563

# 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.



377743



6463A5



806725

# Square

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



6463A5



A6504F



60702B



007A85

# Rectangle

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



6463A5



9E4F7B



60702B



007959



# Sweetspot

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



6463A5



BDBCD6



63A5A5



5C5C6B



EBEBEB



6B6B6B



# Same Dimension

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



6463A5



716FD6



8463A5



4A4952



020091



000012



# Inverse Universe

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



A563A4



D66FD5



84A563



524951



91008F

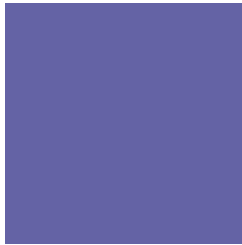


120012



# Previews

## White Background



This preview shows how the Hex color 6463A5 looks on a white background.

## Color Contrast Check

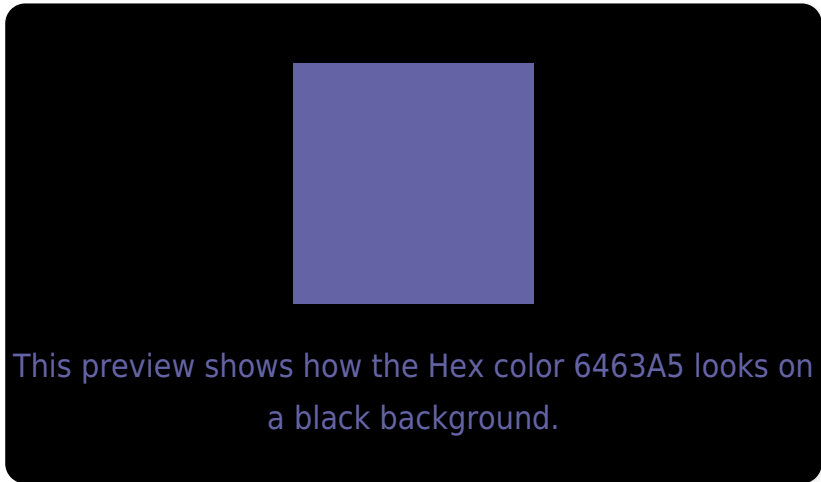
Large Text (above 18pt) WCAG AA ✓ Pass

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

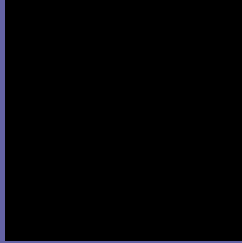
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6463A5 Background



This preview shows how black text looks on a background with the Hex color 6463A5.

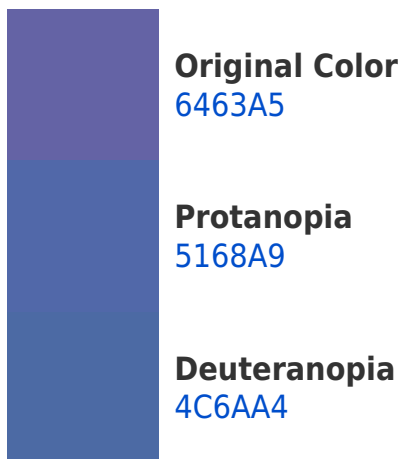


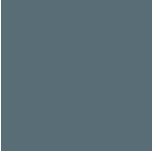
This preview shows how white text looks on a background with the Hex color 6463A5.

# 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](#).

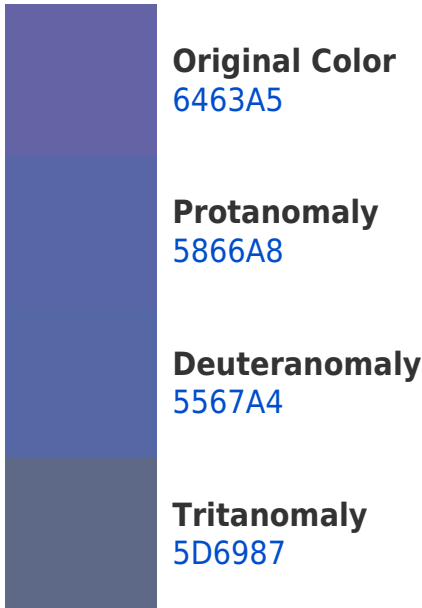
## Dichromacy





**Tritanopia**  
596D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6463A5 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 #6463A5 looks like.

```
.text, #text, p{  
    color:#6463A5  
}
```

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 #6463A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6463A5
}
```

## Border

The CSS property to change the border of an element to Hex 6463A5 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
#6463A5 }
```

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

```
.border{ border-color:#6463A5 }
```

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

Here you see how a box with a 4 pixel #6463A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6463A5; -webkit-box-shadow:4px 4px  
4px 4px #6463A5; box-shadow:4px 4px 4px  
4px #6463A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6463A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6463A5 }
```

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

```
.background{ background-color:#6463A5 }
```

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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