

# Converting Colors

Hex(6561A5)

Have a look what the booklet for  
Hex(6561A5) contains.

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# Color

Hex(6561A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6561A5
RGB	101, 97, 165
RGB Percent	40%, 38%, 65%
CMY	0.6039, 0.6196, 0.3529
CMYK	0.39, 0.41, 0.00, 0.35
HSL	244°, 27%, 51%
HSV	244°, 41%, 65%
XYZ	16.4331, 14.0327, 37.4398
YIQ	105.9480, -19.4440, 21.9960

# Conversions

## Conversions Part 2

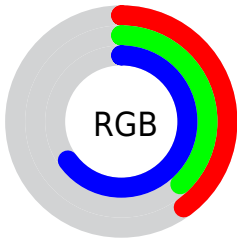
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 97, 165
Decimal	6644133
CIE <sub>Lab</sub>	44.28, 18.72, -36.19
CIE <sub>LCh</sub>	44, 40.740, 297.353
Yxy	14.0327, 0.2420, 0.2067
Android (android.graphics.Color)	4284834213 (0xFF6561A5)
YUV	105.9480, 29.1126, -4.3394
Hunter-Lab	37.4602, 12.7489, -33.0354

# Details

The Hex color **6561A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1A561**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9A94DC**, and **313371** is the 20% darker color. If you saturate the color by 10%, you get **5550A5**, and if you desaturate by 10%, it is **7571A5**.

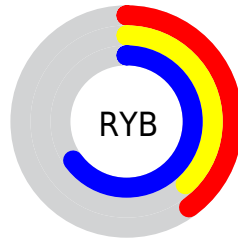
# Distribution



Red (40%)

Green (38%)

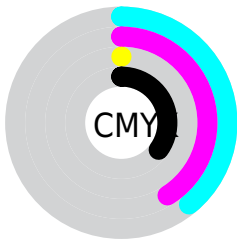
Blue (65%)



Red (40%)

Yellow (38%)

Blue (65%)

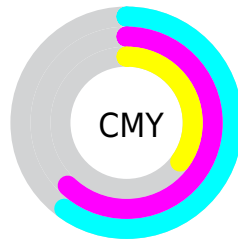


Cyan (39%)

Magenta (41%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (62%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6561A5 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 6561A5 by changing the saturation by 10% instead.



■ 6561A5

■ 6561A5

FFFFFF

■ 4B498A

■ 9A94DC

■ 313371

■ B6AEF9

■ 151E58

■ D2CAFF

■ 000740

■ EFE6FF

■ 000329

■ 000113

■ 000000

■ 6561A5

■ 6561A5

■ 5550A5

■ 7571A5

4640A5

8482A5

362FA5

9492A5

271FA5

A3A3A5

170EA5

B3B3A5

0A00A5

C2C4A5

D2D4A5

E1E5A5

F1F5A5

# Harmonies

## Analogous

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



066DAC



6561A5



8F538E

# Triad

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



6561A5



985930



007964

# Complementary

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



6561A5



A1A561

# 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.



307643



6561A5



7E6621

# Square

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



6561A5



A64E4C



5D7029



007987

# Rectangle

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



6561A5



A04D79



5D7029



007959



# Sweetspot

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



6561A5



BEBCD6



61A2A5



5D5C6B



EBEBEB



6B6B6B



# Same Dimension

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



6561A5



736DD6



8661A5



4A4952



090091



010012



# Inverse Universe

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



A561A1



D66DD0



80A561



524951



910089



120011



# Previews

## White Background



This preview shows how the Hex color 6561A5 looks on a white background.

## Color Contrast Check

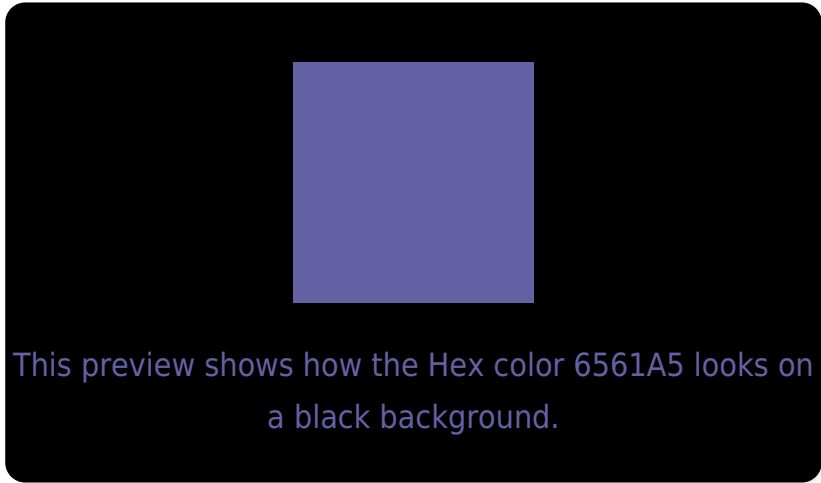
Large Text (above 18pt) WCAG AA ✓ Pass

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

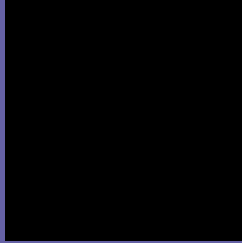
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6561A5 Background



This preview shows how black text looks on a background with the Hex color 6561A5.

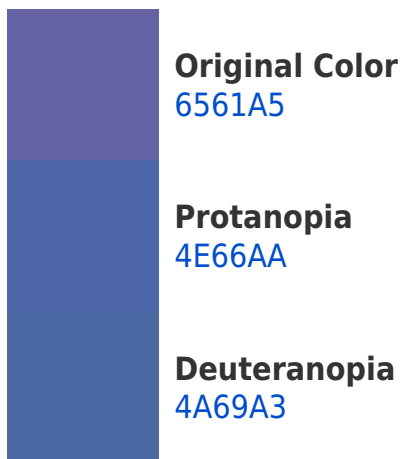


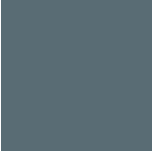
This preview shows how white text looks on a background with the Hex color 6561A5.

# 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](#).

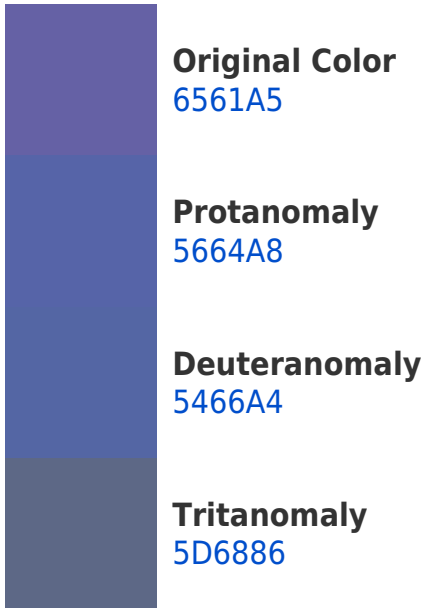
## Dichromacy



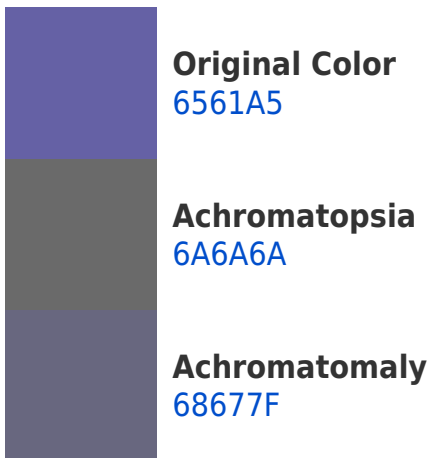


**Tritanopia**  
596C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6561A5 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 #6561A5 looks like.

```
.text, #text, p{  
    color:#6561A5  
}
```

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 #6561A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6561A5
}
```

## Border

The CSS property to change the border of an element to Hex 6561A5 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
#6561A5 }
```

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

```
.border{ border-color:#6561A5 }
```

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

Here you see how a box with a 4 pixel #6561A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6561A5; -webkit-box-shadow:4px 4px  
4px 4px #6561A5; box-shadow:4px 4px 4px  
4px #6561A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6561A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6561A5 }
```

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

```
.background{ background-color:#6561A5 }
```

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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