

Converting Colors

Hex(6664A4)

Have a look what the booklet for
Hex(6664A4) contains.

Hex(6664A4)	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(6664A4)

Conversions

Conversions Part 1

Format	Color
Hex	6664A4
RGB	102, 100, 164
RGB Percent	40%, 39%, 64%
CMY	0.6000, 0.6078, 0.3569
CMYK	0.38, 0.39, 0.00, 0.36
HSL	242°, 26%, 52%
HSV	242°, 39%, 64%
XYZ	16.7375, 14.6195, 37.0616
YIQ	107.8940, -19.3520, 20.3280

Conversions

Conversions Part 2

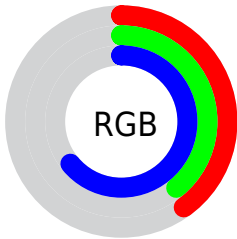
Format	Color
R_{YB}	102, 100, 164
Decimal	6710436
CIE _{Lab}	45.11, 16.86, -34.28
CIE _{LCh}	45, 38.203, 296.183
Yxy	14.6195, 0.2446, 0.2137
Android (android.graphics.Color)	4284900516 (0xFF6664A4)
YUV	107.8940, 27.6603, -5.1690
Hunter-Lab	38.2354, 11.2262, -30.7051

Details

The Hex color **6664A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A2A464**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9B97DB**, and **333570** is the 20% darker color. If you saturate the color by 10%, you get **5654A4**, and if you desaturate by 10%, it is **7674A4**.

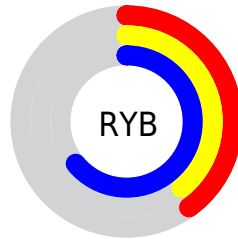
Distribution



Red (40%)

Green (39%)

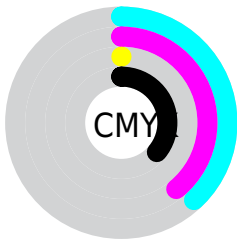
Blue (64%)



Red (40%)

Yellow (39%)

Blue (64%)

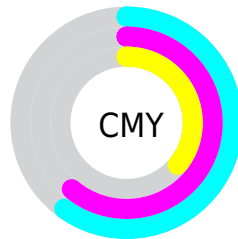


Cyan (38%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (60%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6664A4 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 6664A4 by changing the saturation by 10% instead.

■ 6664A4

■ 6664A4

FFFFFF

■ 4C4C89

■ 9B97DB

■ 333570

■ B7B1F8

■ 182057

■ D3CDFF

■ 000B3F

■ F0E9FF

■ 000329

■ 000113

■ 000000

■ 6664A4

■ 6664A4

■ 5654A4

■ 7674A4

4643A4

8685A4

3633A4

9695A4

2622A4

A6A6A4

1712A4

B5B6A4

0702A4

C5C6A4

0500A4

D5D7A4

E5E7A4

F5F8A4

Harmonies

Analogous

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



1D6FAA



6664A4



8E578F

Triad

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



6664A4



995C36



007A65

Complementary

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



6664A4



A2A464

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.



397746



6664A4



816829

Square

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



6664A4



A55250



61712F



007A86

Rectangle

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



6664A4



9E517B



61712F



017A5A

Sweetspot

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



6664A4



BDBCD6



64A3A4



5D5C6B



EBEBEB



6B6B6B

Same Dimension

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



6664A4



7572D6



8564A4



4A4952



050091



010012

Inverse Universe

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



A464A2



D672D3



83A464



524951



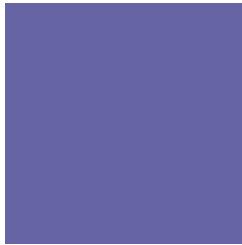
91008D



120011

Previews

White Background



This preview shows how the Hex color 6664A4 looks on a white background.

Color Contrast Check

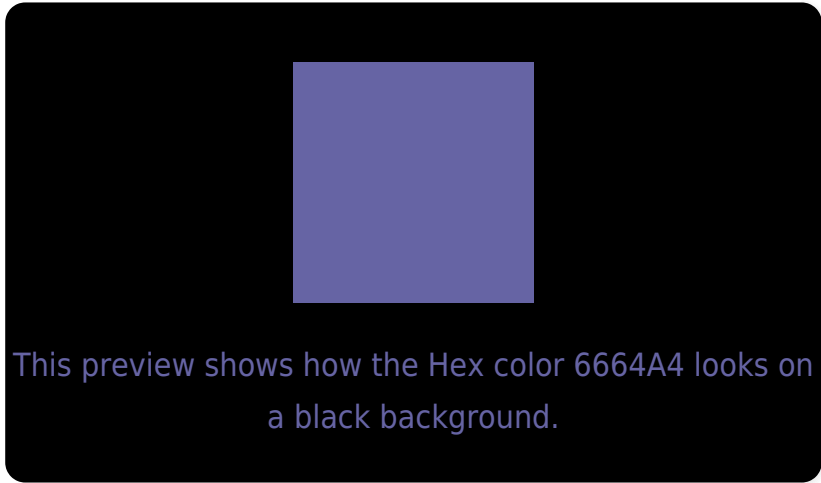
Large Text (above 18pt) WCAG AA ✓ Pass

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

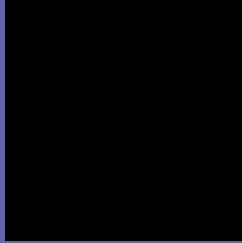
Any Text WCAG AA × Fail

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 6664A4 Background



This preview shows how black text looks on a background with the Hex color 6664A4.



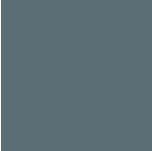
This preview shows how white text looks on a background with the Hex color 6664A4.

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](#).

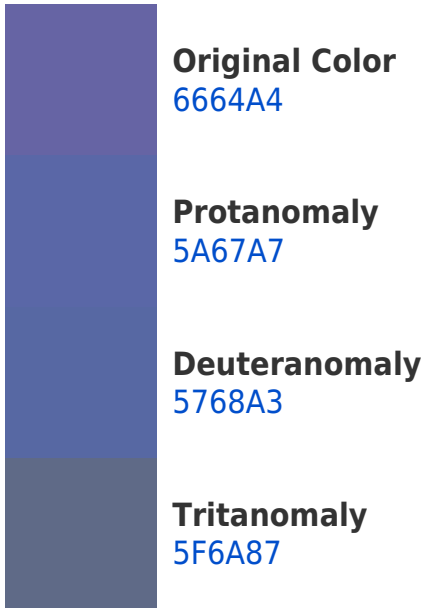
Dichromacy





Tritanopia
5B6E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6664A4 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 #6664A4 looks like.

```
.text, #text, p{  
    color:#6664A4  
}
```

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 #6664A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6664A4
}
```

Border

The CSS property to change the border of an element to Hex 6664A4 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
#6664A4 }
```

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

```
.border{ border-color:#6664A4 }
```

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

Here you see how a box with a 4 pixel #6664A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6664A4; -webkit-box-shadow:4px 4px  
4px 4px #6664A4; box-shadow:4px 4px 4px  
4px #6664A4 }
```

Background

The CSS property to change the background color of an element to Hex 6664A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6664A4 }
```

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

```
.background{ background-color:#6664A4 }
```

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