

Converting Colors

Hex(6665AA)

Have a look what the booklet for
Hex(6665AA) contains.

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Color

Hex(6665AA)

Conversions

Conversions Part 1	
Format	Color
Hex	6665AA
RGB	102, 101, 170
RGB Percent	40%, 40%, 67%
CMY	0.6000, 0.6039, 0.3333
CMYK	0.40, 0.41, 0.00, 0.33
HSL	241°, 29%, 53%
HSV	241°, 41%, 67%
XYZ	17.3889, 15.0344, 40.0157
YIQ	109.1650, -21.5530, 21.6710

Conversions

Conversions Part 2

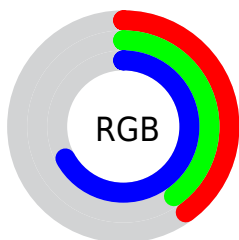
Format	Color
RYB	102, 101, 170
Decimal	6710698
CIELab	45.68, 17.98, -36.91
CIELCh	46, 41.056, 295.968
Yxy	15.0344, 0.2400, 0.2075
Android (android.graphics.Color)	4284900778 (0xFF6665AA)
YUV	109.1650, 29.9917, -6.2837
Hunter-Lab	38.7742, 12.1960, -34.0463

Details

The Hex color **6665AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9AA65**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9C98E2**, and **323675** is the 20% darker color. If you saturate the color by 10%, you get **5554AA**, and if you desaturate by 10%, it is **7776AA**.

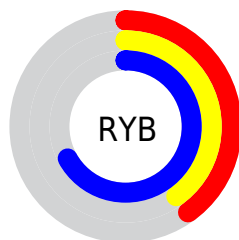
Distribution



Red (40%)

Green (40%)

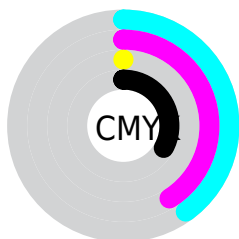
Blue (67%)



Red (40%)

Yellow (40%)

Blue (67%)

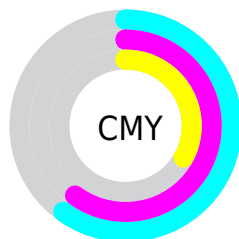


Cyan (40%)

Magenta (41%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6665AA 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 6665AA by changing the saturation by 10% instead.

 6665AA

 6665AA


FFFFFF

 4C4D8F

 9C98E2

 323675

 B7B3FF

 15215C

 D4CEFF

 000D44

 F1EAFB

 00032D

 000118

 000000

 6665AA

 6665AA

 5554AA

 7776AA

 4443AA

 8887AA

 3432AA

 9898AA

 2321AA

 A9A9AA

 1210AA

 BABAAA

 0200AA

 CBCBAA

 DBDCAA

 ECEDAA

 FDFEAA

Harmonies

Analogous

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



0071B0



6665AA



925793

Triad

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



6665AA



9D5C34



007D66

Complementary

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



6665AA



A9AA65

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.



367A44



6665AA



836924

Square

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



6665AA



AB5150



62732B



007D89

Rectangle

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



6665AA



A3507E



62732B



007C5A

Sweetspot

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



6665AA



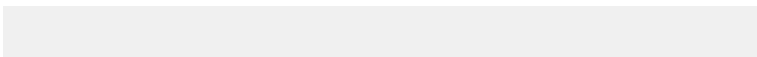
C4C3DE



65AAAA



616070



F0F0F0



707070

Same Dimension

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



6665AA



7371DE



8765AA



4C4C54



020094



000014

Inverse Universe

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



AA65A9



DE71DC



87AA65



544C54



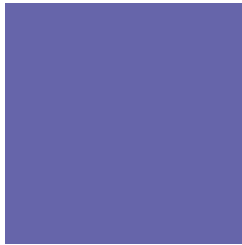
940092



140014

Previews

White Background



This preview shows how the Hex color 6665AA 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



This preview shows how the Hex color 6665AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

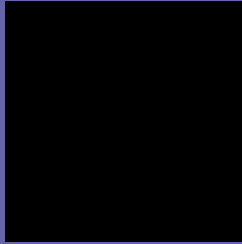
Any Text WCAG AA × Fail

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 6665AA Background



This preview shows how black text looks on a background with the Hex color 6665AA.

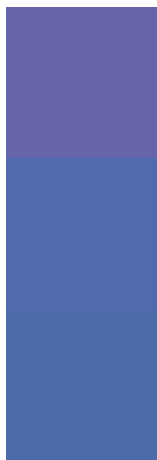


This preview shows how white text looks on a background with the Hex color 6665AA.

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



Original Color

6665AA

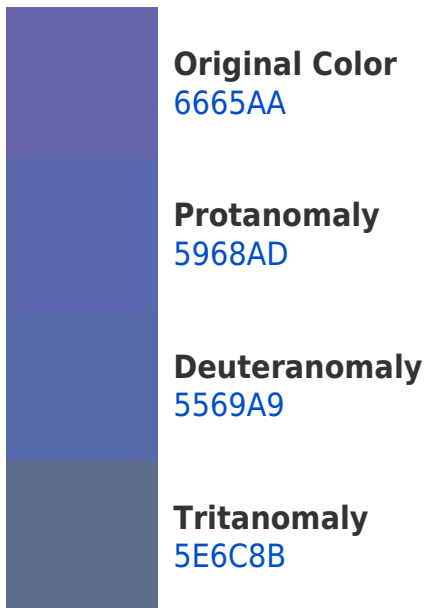
Protanopia

516AAE

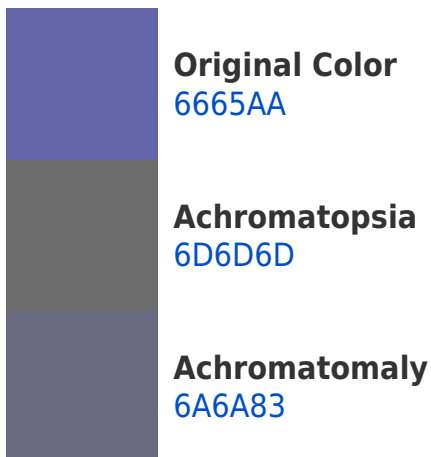
Deuteranopia

4C6CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6665AA 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 #6665AA looks like.

```
.text, #text, p{  
    color:#6665AA  
}
```

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 #6665AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6665AA
}
```

Border

The CSS property to change the border of an element to Hex 6665AA 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
#6665AA }
```

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

```
.border{ border-color:#6665AA }
```

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

Here you see how a box with a 4 pixel #6665AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6665AA; -webkit-box-shadow:4px 4px  
4px 4px #6665AA; box-shadow:4px 4px 4px  
4px #6665AA }
```

Background

The CSS property to change the background color of an element to Hex 6665AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6665AA }
```

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

```
.background{ background-color:#6665AA }
```

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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