

Converting Colors

Hex(7565A6)

Have a look what the booklet for
Hex(7565A6) contains.

Hex(7565A6)	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(7565A6)

Conversions

Conversions Part 1

Format	Color
Hex	7565A6
RGB	117, 101, 166
RGB Percent	46%, 40%, 65%
CMY	0.5412, 0.6039, 0.3490
CMYK	0.30, 0.39, 0.00, 0.35
HSL	255°, 27%, 52%
HSV	255°, 39%, 65%
XYZ	18.8727, 15.8424, 38.1396
YIQ	113.1940, -11.3290, 23.6070

Conversions

Conversions Part 2

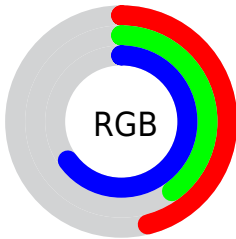
Format	Color
R_{YB}	117, 101, 166
Decimal	7693734
CIE _{Lab}	46.77, 21.15, -32.76
CIE _{LCh}	47, 38.999, 302.845
Yxy	15.8424, 0.2590, 0.2175
Android (android.graphics.Color)	4285883814 (0xFF7565A6)
YUV	113.1940, 26.0334, 3.3379
Hunter-Lab	39.8026, 14.9828, -28.9510

Details

The Hex color **7565A6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96A665**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AB98DD**, and **423672** is the 20% darker color. If you saturate the color by 10%, you get **6854A6**, and if you desaturate by 10%, it is **8276A6**.

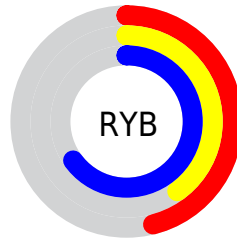
Distribution



Red (46%)

Green (40%)

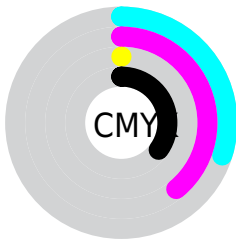
Blue (65%)



Red (46%)

Yellow (40%)

Blue (65%)

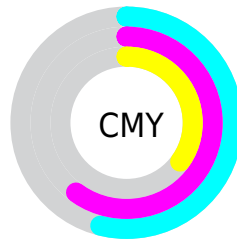


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (60%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7565A6 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 7565A6 by changing the saturation by 10% instead.

■ 7565A6

■ 7565A6

FFFFFF

■ 5B4D8B

■ AB98DD

■ 423672

■ C6B3FA

■ 292059

■ E3CEFF

■ 0F0C41

■ FFE8FF

■ 00002B

■ 000115

■ 000000

■ 7565A6

■ 7565A6

■ 6854A6

■ 8276A6

■ 5C44A6

■ 8E86A6

■ 4F33A6

■ 9B97A6

■ 4323A6

■ A7A7A6

■ 3612A6

■ B4B8A6

■ 2A01A6

■ C0C9A6

■ 2900A6

■ CDD9A6

■ D9EAA6

■ E6FAA6

Harmonies

Analogous

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



3771B0



7565A6



9A598D

Triad

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



7565A6



996235



007F71

Complementary

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



7565A6



96A665

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.



307D50



7565A6



7F6E2B

Square

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



7565A6



A9574D



5D7735



007E91

Rectangle

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



7565A6



A75378



5D7735



007F66

Sweetspot

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



7565A6



C5BFD9



6597A6



625E6E



EDEDED



6E6E6E

Same Dimension

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



7565A6



8C73D9



9565A6



4E4C54



240094



050014

Inverse Universe

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



A66596



D973C0



76A665



544C52



94006F



14000F

Previews

White Background



This preview shows how the Hex color 7565A6 looks on a white background.

Color Contrast Check

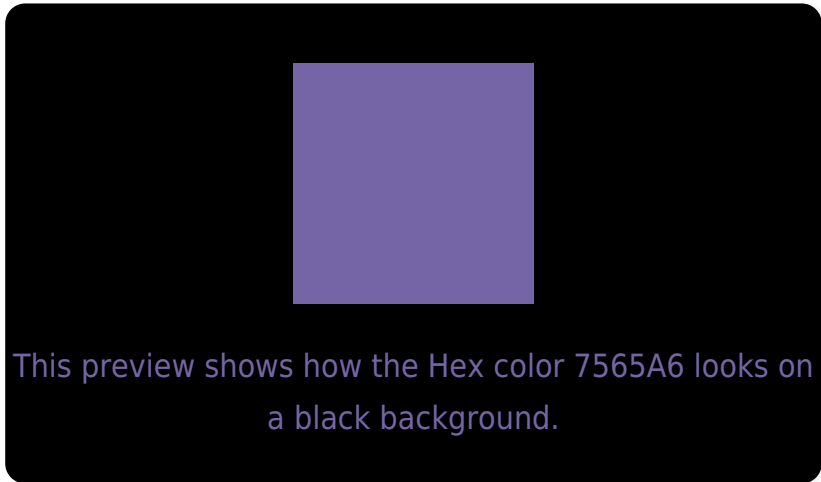
Large Text (above 18pt) WCAG AA ✓ Pass

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

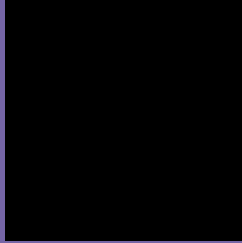
Any Text WCAG AA × Fail

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 7565A6 Background



This preview shows how black text looks on a background with the Hex color 7565A6.

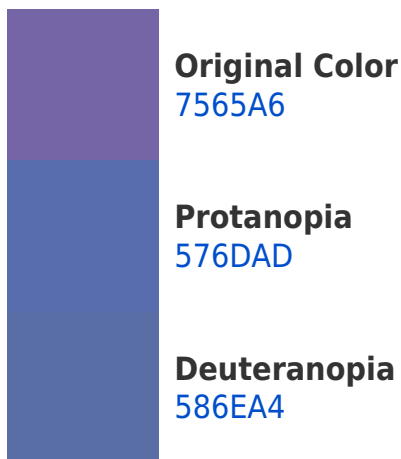



This preview shows how white text looks on a background with the Hex color 7565A6.

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
6C6F78

Trichromacy



Original Color
7565A6

Protanomaly
626AAA

Deuteranomaly
636BA5

Tritanomaly
6F6B89

Monochromacy



Original Color
7565A6

Achromatopsia
717171

Achromatomaly
726D84

CSS Examples

Text

The CSS property to change the color of the text to Hex 7565A6 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 #7565A6 looks like.

```
.text, #text, p{  
    color:#7565A6  
}
```

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 #7565A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7565A6
}
```

Border

The CSS property to change the border of an element to Hex 7565A6 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
#7565A6 }
```

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

```
.border{ border-color:#7565A6 }
```

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

Here you see how a box with a 4 pixel #7565A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7565A6; -webkit-box-shadow:4px 4px  
4px 4px #7565A6; box-shadow:4px 4px 4px  
4px #7565A6 }
```

Background

The CSS property to change the background color of an element to Hex 7565A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7565A6 }
```

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

```
.background{ background-color:#7565A6 }
```

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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