

Converting Colors

Hex(6470A5)

Have a look what the booklet for
Hex(6470A5) contains.

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Color

Hex(6470A5)

Conversions

Conversions Part 1

Format	Color
Hex	6470A5
RGB	100, 112, 165
RGB Percent	39%, 44%, 65%
CMY	0.6078, 0.5608, 0.3529
CMYK	0.39, 0.32, 0.00, 0.35
HSL	229°, 27%, 52%
HSV	229°, 39%, 65%
XYZ	17.8412, 17.0143, 37.9411
YIQ	114.4540, -24.1650, 13.9390

Conversions

Conversions Part 2

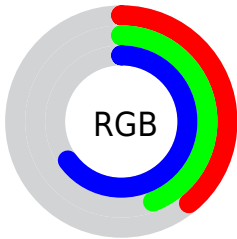
Format	Color
R_{YB}	100, 110, 165
Decimal	6582437
CIE _{Lab}	48.28, 9.22, -29.91
CIE _{LCh}	48, 31.304, 287.138
Yxy	17.0143, 0.2451, 0.2337
Android (android.graphics.Color)	4284772517 (0xFF6470A5)
YUV	114.4540, 24.9192, -12.6762
Hunter-Lab	41.2484, 5.0223, -25.6622

Details

The Hex color **6470A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A59964**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **99A4DC**, and **314171** is the 20% darker color. If you saturate the color by 10%, you get **5463A5**, and if you desaturate by 10%, it is **747DA5**.

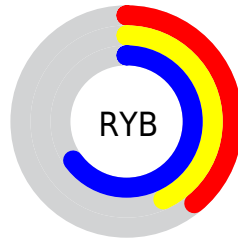
Distribution



Red (39%)

Green (44%)

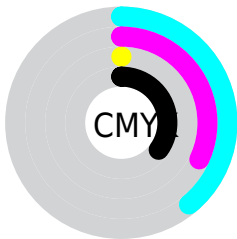
Blue (65%)



Red (39%)

Yellow (43%)

Blue (65%)

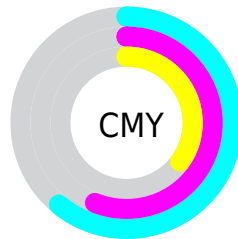


Cyan (39%)

Magenta (32%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6470A5 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 6470A5 by changing the saturation by 10% instead.

■ 6470A5

■ 6470A5

FFFFFF

■ 4A588A

■ 99A4DC

■ 314171

■ B5BFF9

■ 162B58

■ D1DAFF

■ 001740

■ EDF7FF

■ 00022A

■ 000114

■ 000000

■ 6470A5

■ 6470A5

■ 5463A5

■ 747DA5

■ 4355A5

■ 858BA5

■ 3248A5

■ 9598A5

■ 223AA5

■ A6A6A5

■ 112DA5

■ B6B3A5

■ 011FA5

■ C7C1A5

■ 001EA5

■ D8CEA5

■ E8DCA5

■ F8E9A5

Harmonies

Analogous

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



3279A6



6470A5



886697

Triad

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



6470A5



9F644D



328066

Complementary

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



6470A5



A59964

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.



567C4E



6470A5



8D6D3F

Square

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



6470A5



A65E64



74763F



008181

Rectangle

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



6470A5



996188



74763F



3F7F5D

Sweetspot

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



6470A5



BCC1D6



64A598



5C5F6B



EBEBEB



6B6B6B

Same Dimension

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



6470A5



7284D6



7764A5



494B52



001B91



000312

Inverse Universe

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



A56470



D67284



92A564



52494B



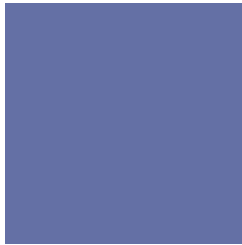
91001B



120003

Previews

White Background



This preview shows how the Hex color 6470A5 looks on a white background.

Color Contrast Check

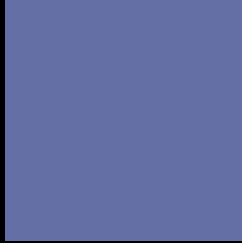
Large Text (above 18pt) WCAG AA ✓ Pass

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 6470A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

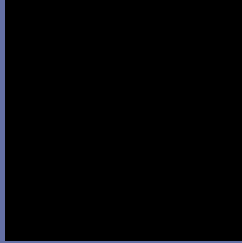
Any Text WCAG AA × Fail

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 6470A5 Background



This preview shows how black text looks on a background with the Hex color 6470A5.

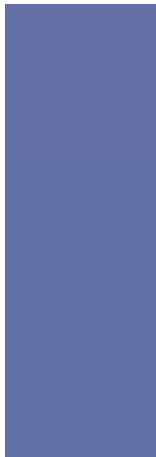


This preview shows how white text looks on a background with the Hex color 6470A5.

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
6470A5

Protanopia
6171A6

Deuteranopia
5F71A5



Tritanopia
5B7781

Trichromacy



Original Color
6470A5

Protanomaly
6271A6

Deuteranomaly
6171A5

Tritanomaly
5E748E

Monochromacy



Original Color
6470A5

Achromatopsia
727272

Achromatomaly
6D7185

CSS Examples

Text

The CSS property to change the color of the text to Hex 6470A5 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 #6470A5 looks like.

```
.text, #text, p{  
    color:#6470A5  
}
```

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 #6470A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6470A5
}
```

Border

The CSS property to change the border of an element to Hex 6470A5 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
#6470A5 }
```

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

```
.border{ border-color:#6470A5 }
```

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

Here you see how a box with a 4 pixel #6470A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6470A5; -webkit-box-shadow:4px 4px  
4px 4px #6470A5; box-shadow:4px 4px 4px  
4px #6470A5 }
```

Background

The CSS property to change the background color of an element to Hex 6470A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6470A5 }
```

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

```
.background{ background-color:#6470A5 }
```

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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