

Converting Colors

Hex(6A75A4)

Have a look what the booklet for
Hex(6A75A4) contains.

Hex(6A75A4)	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(6A75A4)

Conversions

Conversions Part 1

Format	Color
Hex	6A75A4
RGB	106, 117, 164
RGB Percent	42%, 46%, 64%
CMY	0.5843, 0.5412, 0.3569
CMYK	0.35, 0.29, 0.00, 0.36
HSL	229°, 24%, 53%
HSV	229°, 35%, 64%
XYZ	19.0060, 18.4671, 37.6847
YIQ	119.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

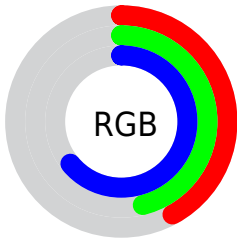
Format	Color
R_{YB}	106, 115, 164
Decimal	6976932
CIE _{Lab}	50.06, 7.65, -26.53
CIE _{LCh}	50, 27.610, 286.091
Yxy	18.4671, 0.2529, 0.2457
Android (android.graphics.Color)	4285167012 (0xFF6A75A4)
YUV	119.0690, 22.1510, -11.4615
Hunter-Lab	42.9733, 3.7425, -21.9120

Details

The Hex color **6A75A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A4996A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9FA9DB**, and **384570** is the 20% darker color. If you saturate the color by 10%, you get **5A68A4**, and if you desaturate by 10%, it is **7A82A4**.

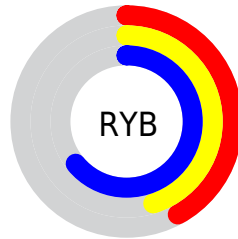
Distribution



Red (42%)

Green (46%)

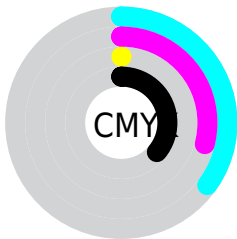
Blue (64%)



Red (42%)

Yellow (45%)

Blue (64%)

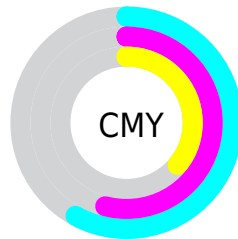


Cyan (35%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A75A4 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 6A75A4 by changing the saturation by 10% instead.

■ 6A75A4

■ 6A75A4

FFFFFF

■ 515C8A

■ 9FA9DB

■ 384570

■ BAC4F8

■ 1E2F57

■ D7E0FF

■ 011A40

■ F3FDFD

■ 00002A

■ 000114

■ 000000

■ 6A75A4

■ 6A75A4

■ 5A68A4

■ 7A82A4

495AA4

8B90A4

394DA4

9B9DA4

2840A4

ACAAA4

1833A4

BCB7A4

0825A4

CCC5A4

001FA4

DDD2A4

EDDFA4

FEEDA4

Harmonies

Analogous

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



447DA4



6A75A4



8A6D98

Triad

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



6A75A4



A06A56



42836B

Complementary

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



6A75A4



A4996A

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.



608056



6A75A4



90724A

Square

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



6A75A4



A5656B



7A7A49



258483

Rectangle

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



6A75A4



99688B



7A7A49



4C8263

Sweetspot

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



6A75A4



BFC3D6



6AA498



5D606B



EBEBEB



6B6B6B

Same Dimension

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



6A75A4



7C8DD6



7B6AA4



494B52



001C91



000312

Inverse Universe

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



A46A75



D67C8D



93A46A



52494B



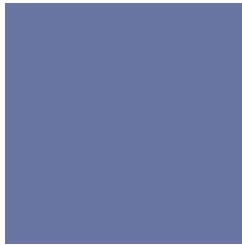
91001C



120003

Previews

White Background



This preview shows how the Hex color 6A75A4 looks on a white background.

Color Contrast Check

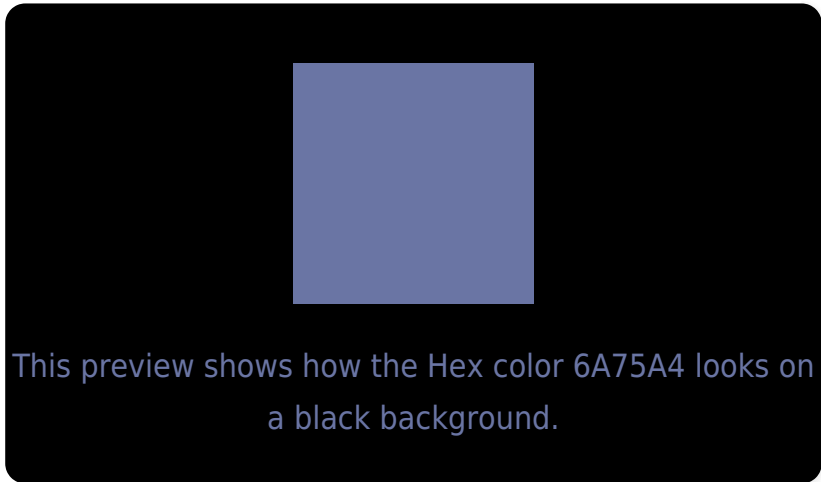
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

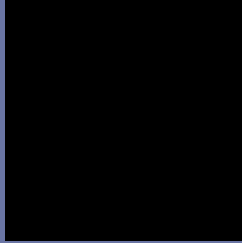
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 6A75A4 Background



This preview shows how black text looks on a background with the Hex color 6A75A4.



This preview shows how white text looks on a background with the Hex color 6A75A4.

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

6A75A4

Protanopia

6975A4

Deuteranopia

6975A4



Tritanopia
637B85

Trichromacy



Original Color
6A75A4

Protanomaly
6975A4

Deuteranomaly
6975A4

Tritanomaly
667990

Monochromacy



Original Color
6A75A4

Achromatopsia
777777

Achromatomaly
727687

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A75A4 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 #6A75A4 looks like.

```
.text, #text, p{  
    color:#6A75A4  
}
```

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 #6A75A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A75A4
}
```

Border

The CSS property to change the border of an element to Hex 6A75A4 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
#6A75A4 }
```

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

```
.border{ border-color:#6A75A4 }
```

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

Here you see how a box with a 4 pixel #6A75A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A75A4; -webkit-box-shadow:4px 4px  
4px 4px #6A75A4; box-shadow:4px 4px 4px  
4px #6A75A4 }
```

Background

The CSS property to change the background color of an element to Hex 6A75A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A75A4 }
```

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

```
.background{ background-color:#6A75A4 }
```

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