

Converting Colors

Hex(6A64A3)

Have a look what the booklet for
Hex(6A64A3) contains.

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Color

Hex(6A64A3)

Conversions

Conversions Part 1

Format	Color
Hex	6A64A3
RGB	106, 100, 163
RGB Percent	42%, 39%, 64%
CMY	0.5843, 0.6078, 0.3608
CMYK	0.35, 0.39, 0.00, 0.36
HSL	246°, 26%, 52%
HSV	246°, 39%, 64%
XYZ	17.1119, 14.8229, 36.6095
YIQ	108.9760, -16.6470, 20.8650

Conversions

Conversions Part 2

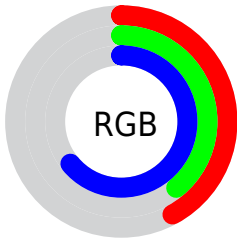
Format	Color
R_{YB}	106, 100, 163
Decimal	6972579
CIE _{Lab}	45.39, 17.71, -33.23
CIE _{LCh}	45, 37.654, 298.065
Yxy	14.8229, 0.2496, 0.2163
Android (android.graphics.Color)	4285162659 (0xFF6A64A3)
YUV	108.9760, 26.6338, -2.6100
Hunter-Lab	38.5005, 11.9602, -29.4277

Details

The Hex color **6A64A3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9DA364**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9F97DA**, and **37356F** is the 20% darker color. If you saturate the color by 10%, you get **5B54A3**, and if you desaturate by 10%, it is **7974A3**.

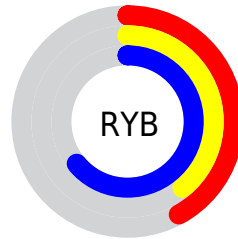
Distribution



Red (42%)

Green (39%)

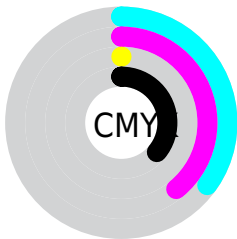
Blue (64%)



Red (42%)

Yellow (39%)

Blue (64%)

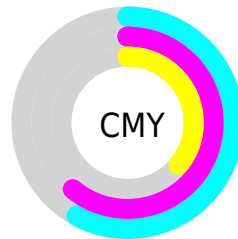


Cyan (35%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A64A3 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 6A64A3 by changing the saturation by 10% instead.



6A64A3



6A64A3

FFFFFF



504C89



9F97DA



37356F



BBB2F7



1D2056



D7CDFF



010B3E



F4E9FF



000328



000112



000000



6A64A3



6A64A3



5B54A3



7974A3

■ 4D43A3

■ 8785A3

■ 3E33A3

■ 9695A3

■ 2F23A3

■ A5A5A3

■ 2013A3

■ B4B5A3

■ 1202A3

■ C2C6A3

■ 1000A3

■ D1D6A3

■ E0E6A3

■ EFF7A3

Harmonies

Analogous

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



296FAA



6A64A3



90588D

Triad

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



6A64A3



985D37



007B68

Complementary

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



6A64A3



9DA364

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.



387849



6A64A3



7F692A

Square

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



6A64A3



A55350



607231



007B88

Rectangle

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



6A64A3



9F5279



607231



007A5D

Sweetspot

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



6A64A3



BDBAD4



649EA3



5E5C6B



EBEBEB



6B6B6B

Same Dimension

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



6A64A3



7C72D4



8964A3



4A4952



0E0091



020012

Inverse Universe

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



A3649D



D472CA



7EA364



524951



910084



120010

Previews

White Background



This preview shows how the Hex color 6A64A3 looks on a white background.

Color Contrast Check

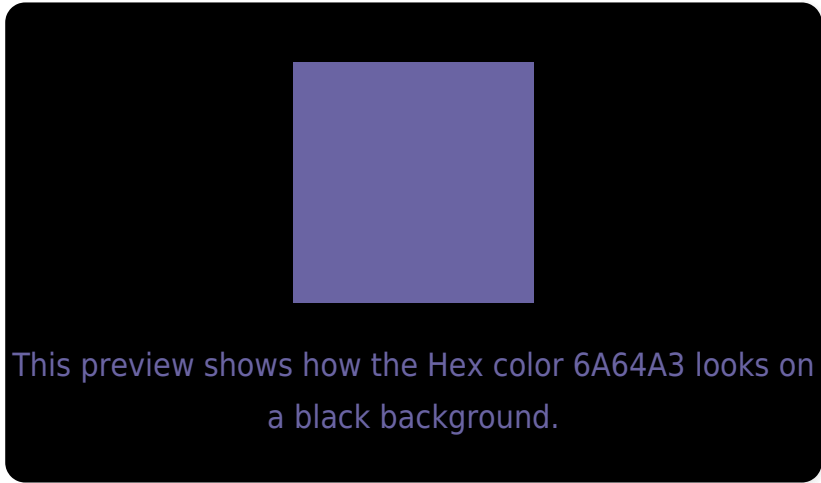
Large Text (above 18pt) WCAG AA ✓ Pass

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

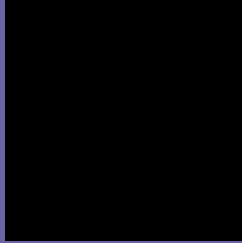
Any Text WCAG AA × Fail

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 6A64A3 Background



This preview shows how black text looks on a background with the Hex color 6A64A3.

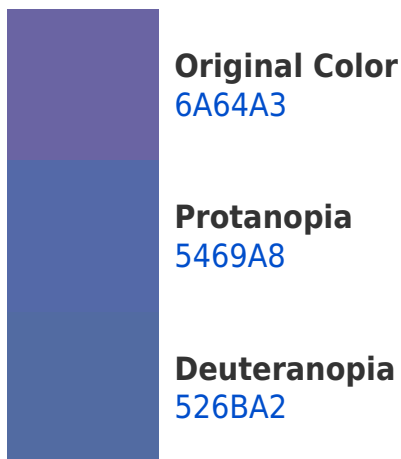


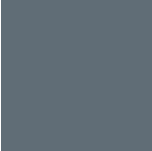
This preview shows how white text looks on a background with the Hex color 6A64A3.

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](#).

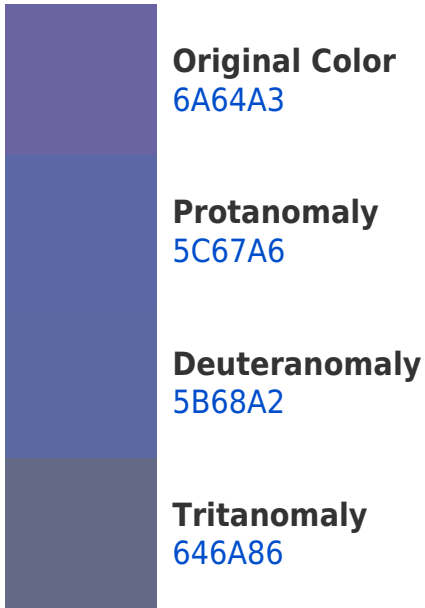
Dichromacy



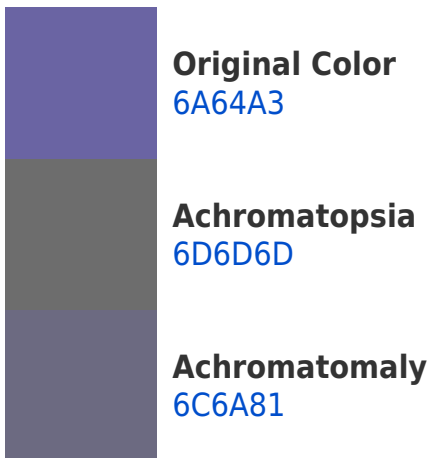


Tritanopia
606D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A64A3 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 #6A64A3 looks like.

```
.text, #text, p{  
    color:#6A64A3  
}
```

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 #6A64A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A64A3
}
```

Border

The CSS property to change the border of an element to Hex 6A64A3 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
#6A64A3 }
```

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

```
.border{ border-color:#6A64A3 }
```

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

Here you see how a box with a 4 pixel #6A64A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A64A3; -webkit-box-shadow:4px 4px  
4px 4px #6A64A3; box-shadow:4px 4px 4px  
4px #6A64A3 }
```

Background

The CSS property to change the background color of an element to Hex 6A64A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A64A3 }
```

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

```
.background{ background-color:#6A64A3 }
```

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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