

# Converting Colors

Hex(6275A0)

Have a look what the booklet for  
Hex(6275A0) contains.

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# Color

Hex(6275A0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6275A0
RGB	98, 117, 160
RGB Percent	38%, 46%, 63%
CMY	0.6157, 0.5412, 0.3725
CMYK	0.39, 0.27, 0.00, 0.37
HSL	222°, 25%, 51%
HSV	222°, 39%, 63%
XYZ	17.7435, 17.8573, 35.7693
YIQ	116.2210, -25.1270, 9.3450

# Conversions

## Conversions Part 2

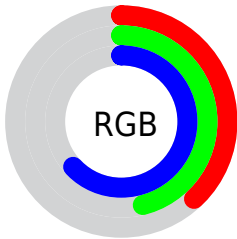
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 113, 160
Decimal	6452640
CIE Lab	49.32, 4.20, -25.38
CIE LCh	49, 25.720, 279.394
Yxy	17.8573, 0.2486, 0.2502
Android (android.graphics.Color)	4284642720 (0xFF6275A0)
YUV	116.2210, 21.5830, -15.9798
Hunter-Lab	42.2579, 0.9981, -20.6056

# Details

The Hex color **6275A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A08D62**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97A9D7**, and **2F456C** is the 20% darker color. If you saturate the color by 10%, you get **526AA0**, and if you desaturate by 10%, it is **7280A0**.

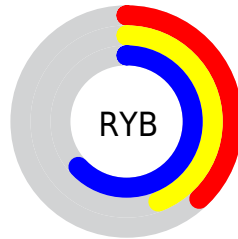
# Distribution



Red (38%)

Green (46%)

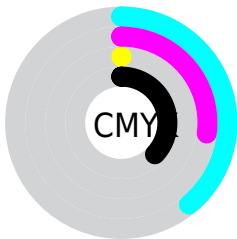
Blue (63%)



Red (38%)

Yellow (44%)

Blue (63%)

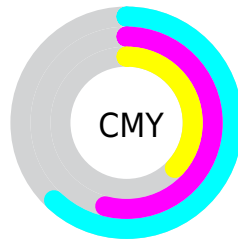


Cyan (39%)

Magenta (27%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (54%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6275A0 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 6275A0 by changing the saturation by 10% instead.



■ 6275A0

■ 6275A0

FFFFFF

■ 495C86

■ 97A9D7

■ 2F456C

■ B2C4F3

■ 152F54

■ CEE0FF

■ 001B3C

■ EBFDFD

■ 000227

■ 000110

■ 000000

■ 6275A0

■ 6275A0

■ 526AA0

■ 7280A0

■ 425FA0

■ 828BA0

■ 3254A0

■ 9296A0

■ 2249A0

■ A2A1A0

■ 123EA0

■ B2ACA0

■ 0232A0

■ C2B8A0

■ 0031A0

■ D2C3A0

■ E2CEA0

■ F2D9A0

# Harmonies

## Analogous

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



407C9E



6275A0



816D97

# Triad

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



6275A0



9E685B



4B8065

# Complementary

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



6275A0



A08D62

# 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.



657C53



6275A0



916F4D

# Square

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



6275A0



A0656F



7D764A



32817C

# Rectangle

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



6275A0



90688C



7D764A



547F5E



# Sweetspot

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



6275A0



B8C0D1



62A08C



5A5E69



E8E8E8



696969



# Same Dimension

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



6275A0



6F8DD1



6D62A0



474A4F



002C8F



00050F



# Inverse Universe

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



A06275



D16F8D



95A062



4F474A



8F002C



0F0005



# Previews

## White Background



This preview shows how the Hex color 6275A0 looks on a white background.

## Color Contrast Check

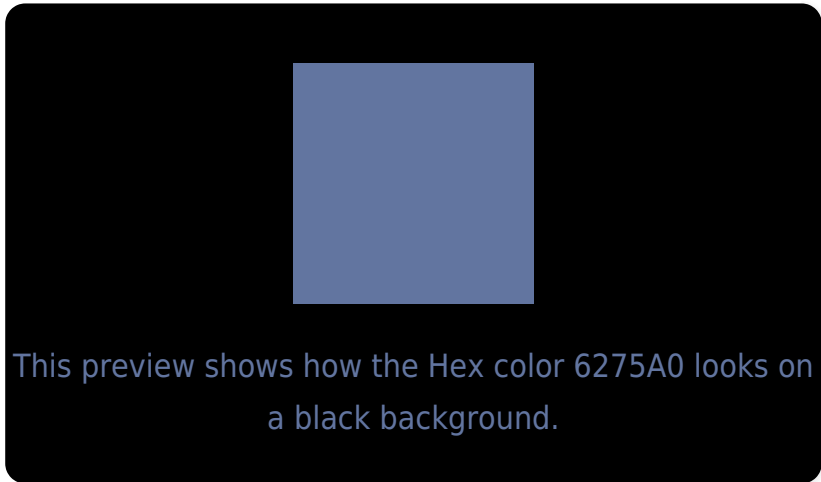
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

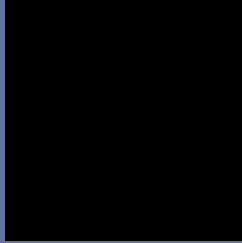
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

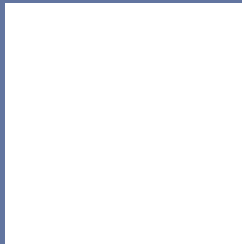
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6275A0 Background



This preview shows how black text looks on a background with the Hex color 6275A0.



This preview shows how white text looks on a background with the Hex color 6275A0.

# 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**  
6275A0

**Protanopia**  
68739F

**Deuteranopia**  
6873A0



**Tritanopia**  
5B7A84

# Trichromacy



**Original Color**  
6275A0

**Protanomaly**  
66749F

**Deuteranomaly**  
6674A0

**Tritanomaly**  
5E788E

# Monochromacy



**Original Color**  
6275A0

**Achromatopsia**  
747474

**Achromatomaly**  
6D7484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6275A0 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 #6275A0 looks like.

```
.text, #text, p{  
    color:#6275A0  
}
```

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 #6275A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6275A0
}
```

## Border

The CSS property to change the border of an element to Hex 6275A0 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
#6275A0 }
```

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

```
.border{ border-color:#6275A0 }
```

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

Here you see how a box with a 4 pixel #6275A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6275A0; -webkit-box-shadow:4px 4px  
4px 4px #6275A0; box-shadow:4px 4px 4px  
4px #6275A0 }
```

# Background

The CSS property to change the background color of an element to Hex 6275A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6275A0 }
```

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

```
.background{ background-color:#6275A0 }
```

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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