

Converting Colors

Hex(6363A0)

Have a look what the booklet for
Hex(6363A0) contains.

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Color

Hex(6363A0)

Conversions

Conversions Part 1

Format	Color
Hex	6363A0
RGB	99, 99, 160
RGB Percent	39%, 39%, 63%
CMY	0.6118, 0.6118, 0.3725
CMYK	0.38, 0.38, 0.00, 0.37
HSL	240°, 24%, 51%
HSV	240°, 38%, 63%
XYZ	15.9526, 14.1144, 35.1413
YIQ	105.9540, -19.5810, 18.9710

Conversions

Conversions Part 2

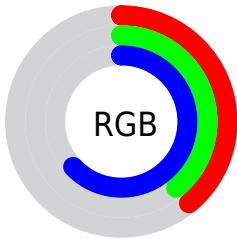
Format	Color
R_{YB}	99, 99, 160
Decimal	6513568
CIE _{Lab}	44.40, 15.47, -33.06
CIE _{LCh}	44, 36.499, 295.086
Yxy	14.1144, 0.2446, 0.2165
Android (android.graphics.Color)	4284703648 (0xFF6363A0)
YUV	105.9540, 26.6447, -6.0987
Hunter-Lab	37.5691, 10.0486, -29.1601

Details

The Hex color **6363A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0A063**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9896D7**, and **30356C** is the 20% darker color. If you saturate the color by 10%, you get **5353A0**, and if you desaturate by 10%, it is **7373A0**.

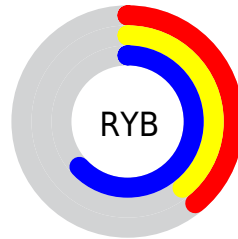
Distribution



Red (39%)

Green (39%)

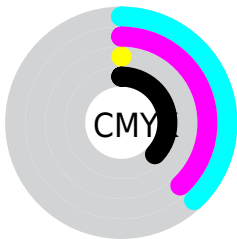
Blue (63%)



Red (39%)

Yellow (39%)

Blue (63%)

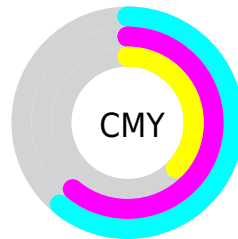


Cyan (38%)

Magenta (38%)

Yellow (0%)

Black (37%)



Cyan (61%)

Magenta (61%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6363A0 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 6363A0 by changing the saturation by 10% instead.

■ 6363A0

■ 6363A0

FFFFFF

■ 494B86

■ 9896D7

■ 30356C

■ B3B0F4

■ 152053

■ D0CCFF

■ 00093C

■ ECE8FF

■ 000226

■ 00010E

■ 000000

■ 6363A0

■ 6363A0

■ 5353A0

■ 7373A0

4343A0

8383A0

3333A0

9393A0

2323A0

A3A3A0

1313A0

B3B3A0

0303A0

C3C3A0

0000A0

D3D3A0

E3E3A0

F3F3A0

Harmonies

Analogous

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



206EA5



6363A0



8A578C

Triad

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



6363A0



965A38



007863

Complementary

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



6363A0



A0A063

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.



3C7545



6363A0



7F662B

Square

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



6363A0



A15151



616F30



007882

Rectangle

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



6363A0



995179



616F30



127758

Sweetspot

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



6363A0



BABAD1



63A0A0



5B5B69



E8E8E8



696969

Same Dimension

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



6363A0



7171D1



8263A0



47474F



00008F



00000F

Inverse Universe

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



A063A0



D171D1



82A063



4F474F



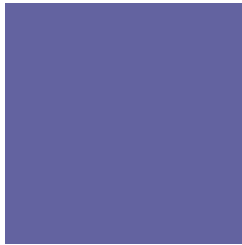
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 6363A0 looks on a white background.

Color Contrast Check

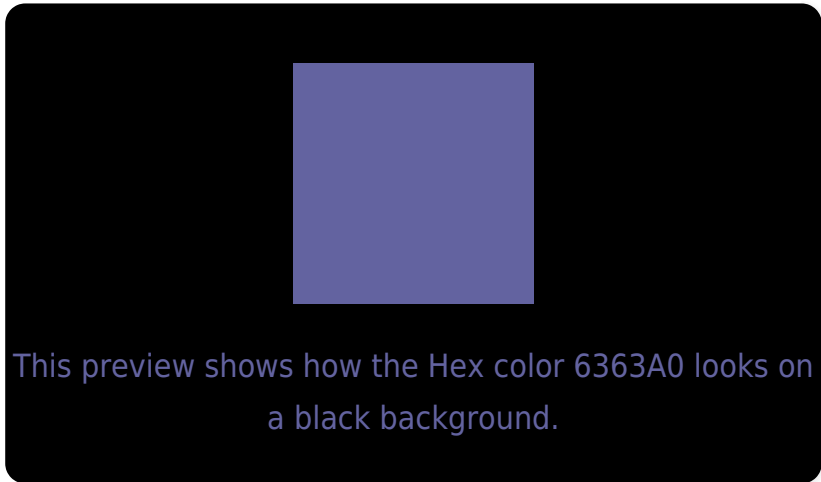
Large Text (above 18pt) WCAG AA ✓ Pass

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

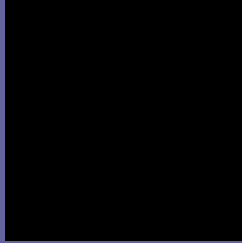
Any Text WCAG AA × Fail

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 6363A0 Background



This preview shows how black text looks on a background with the Hex color 6363A0.

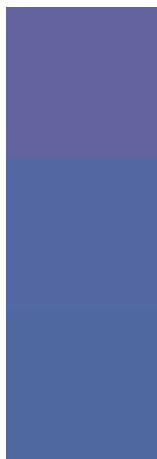


This preview shows how white text looks on a background with the Hex color 6363A0.

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
6363A0

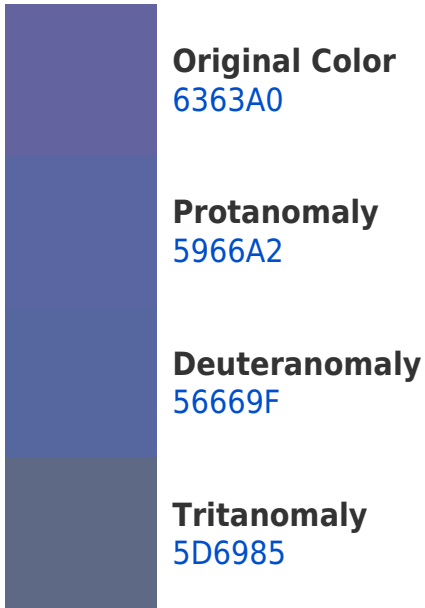
Protanopia
5367A3

Deuteranopia
4F689F



Tritanopia
596C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6363A0 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 #6363A0 looks like.

```
.text, #text, p{  
    color:#6363A0  
}
```

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 #6363A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6363A0
}
```

Border

The CSS property to change the border of an element to Hex 6363A0 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
#6363A0 }
```

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

```
.border{ border-color:#6363A0 }
```

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

Here you see how a box with a 4 pixel #6363A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6363A0; -webkit-box-shadow:4px 4px  
4px 4px #6363A0; box-shadow:4px 4px 4px  
4px #6363A0 }
```

Background

The CSS property to change the background color of an element to Hex 6363A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6363A0 }
```

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

```
.background{ background-color:#6363A0 }
```

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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