

Converting Colors

Hex(6376A3)

Have a look what the booklet for
Hex(6376A3) contains.

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Color

Hex(6376A3)

Conversions

Conversions Part 1

Format	Color
Hex	6376A3
RGB	99, 118, 163
RGB Percent	39%, 46%, 64%
CMY	0.6118, 0.5373, 0.3608
CMYK	0.39, 0.28, 0.00, 0.36
HSL	222°, 26%, 51%
HSV	222°, 39%, 64%
XYZ	18.2349, 18.2539, 37.2126
YIQ	117.4490, -25.7690, 9.9670

Conversions

Conversions Part 2

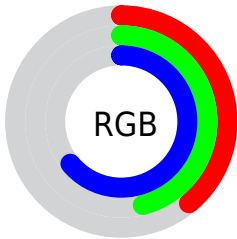
Format	Color
R_{YB}	99, 114, 163
Decimal	6518435
CIE _{Lab}	49.80, 4.74, -26.38
CIE _{LCh}	50, 26.802, 280.194
Yxy	18.2539, 0.2474, 0.2477
Android (android.graphics.Color)	4284708515 (0xFF6376A3)
YUV	117.4490, 22.4566, -16.1798
Hunter-Lab	42.7245, 1.4161, -21.7338

Details

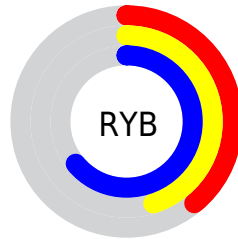
The Hex color **6376A3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A39063**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **98AADA**, and **30466F** is the 20% darker color. If you saturate the color by 10%, you get **536BA3**, and if you desaturate by 10%, it is **7381A3**.

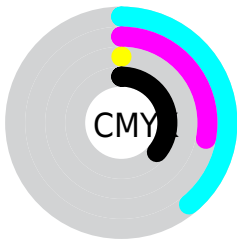
Distribution



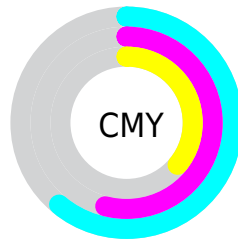
- Red (39%)
- Green (46%)
- Blue (64%)



- Red (39%)
- Yellow (45%)
- Blue (64%)



- Cyan (39%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6376A3 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 6376A3 by changing the saturation by 10% instead.

■ 6376A3

■ 6376A3

FFFFFF

■ 495D89

■ 98AADA

■ 30466F

■ B3C5F7

■ 153056

■ CFE1FF

■ 001B3F

■ ECFEFF

■ 000029

■ 000113

■ 000000

■ 6376A3

■ 6376A3

■ 536BA3

■ 7381A3

■ 425FA3

■ 848DA3

■ 3254A3

■ 9498A3

■ 2248A3

■ A4A4A3

■ 123DA3

■ B4AFA3

■ 0131A3

■ C5BBA3

■ 0030A3

■ D5C6A3

■ E5D2A3

■ F6DDA3

Harmonies

Analogous

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



3E7DA1



6376A3



836E99

Triad

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



6376A3



A0695A



498266

Complementary

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



6376A3



A39063

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.



657E53



6376A3



93704C

Square

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



6376A3



A3656F



7E7849



2E837E

Rectangle

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



6376A3



93698D



7E7849



53815F

Sweetspot

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



6376A3



BAC2D4



63A390



5C616B



EBEBEB



6B6B6B

Same Dimension

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



6376A3



708ED4



7063A3



494C52



002B91



000512

Inverse Universe

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



A36376



D4708E



96A363



52494C



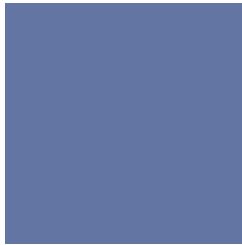
91002B



120005

Previews

White Background



This preview shows how the Hex color 6376A3 looks on a white background.

Color Contrast Check

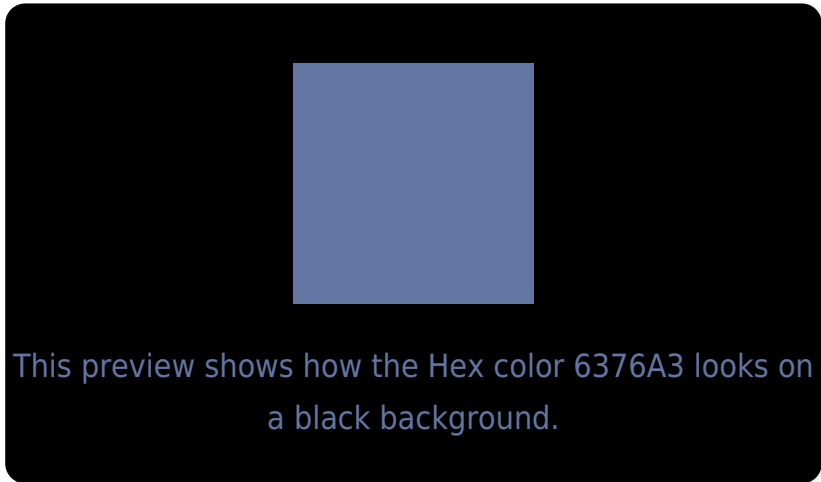
Large Text (above 18pt) WCAG AA ✓ Pass

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

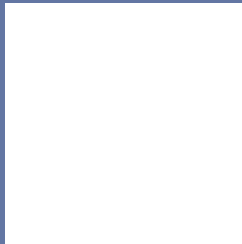
Any Text WCAG AAA × Fail

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

Hex 6376A3 Background



This preview shows how black text looks on a background with the Hex color 6376A3.

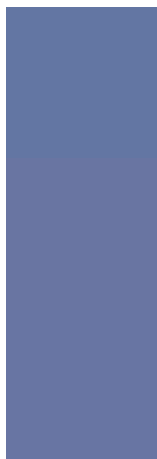


This preview shows how white text looks on a background with the Hex color 6376A3.

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
6376A3

Protanopia
6975A2

Deuteranopia
6875A3



Tritanopia
5C7C85

Trichromacy



Original Color
6376A3

Protanomaly
6775A2

Deuteranomaly
6675A3

Tritanomaly
5F7A90

Monochromacy



Original Color
6376A3

Achromatopsia
757575

Achromatomaly
6E7586

CSS Examples

Text

The CSS property to change the color of the text to Hex 6376A3 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 #6376A3 looks like.

```
.text, #text, p{  
    color:#6376A3  
}
```

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 #6376A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6376A3
}
```

Border

The CSS property to change the border of an element to Hex 6376A3 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".

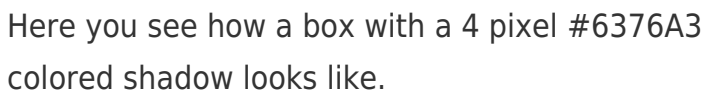
```
.border, #border, table{ border:4px solid
#6376A3 }
```

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

```
.border{ border-color:#6376A3 }
```

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

Here you see how a box with a 4 pixel #6376A3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6376A3; -webkit-box-shadow:4px 4px  
4px 4px #6376A3; box-shadow:4px 4px 4px  
4px #6376A3 }
```

Background

The CSS property to change the background color of an element to Hex 6376A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6376A3 }
```

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

```
.background{ background-color:#6376A3 }
```

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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