

Converting Colors

Hex(6371A2)

Have a look what the booklet for
Hex(6371A2) contains.

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Color

Hex(6371A2)

Conversions

Conversions Part 1

Format	Color
Hex	6371A2
RGB	99, 113, 162
RGB Percent	39%, 44%, 64%
CMY	0.6118, 0.5569, 0.3647
CMYK	0.39, 0.30, 0.00, 0.36
HSL	227°, 25%, 51%
HSV	227°, 39%, 64%
XYZ	17.5723, 17.0715, 36.5514
YIQ	114.4000, -24.0730, 12.2710

Conversions

Conversions Part 2

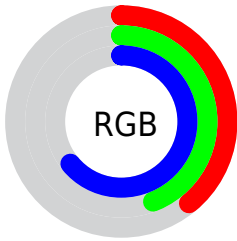
Format	Color
R_{YB}	99, 110, 162
Decimal	6517154
CIE _{Lab}	48.35, 7.47, -28.05
CIE _{LCh}	48, 29.028, 284.909
Yxy	17.0715, 0.2468, 0.2398
Android (android.graphics.Color)	4284707234 (0xFF6371A2)
YUV	114.4000, 23.4668, -13.5058
Hunter-Lab	41.3177, 3.6095, -23.5280

Details

The Hex color **6371A2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A29463**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **98A5D9**, and **30416E** is the 20% darker color. If you saturate the color by 10%, you get **5364A2**, and if you desaturate by 10%, it is **737EA2**.

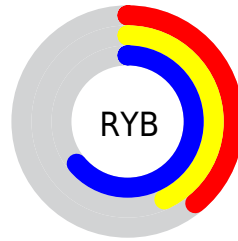
Distribution



Red (39%)

Green (44%)

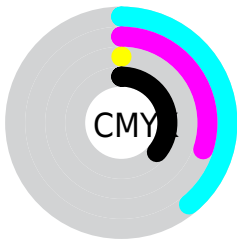
Blue (64%)



Red (39%)

Yellow (43%)

Blue (64%)

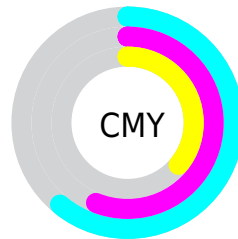


Cyan (39%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (61%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6371A2 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 6371A2 by changing the saturation by 10% instead.

■ 6371A2

■ 6371A2

FFFFFF

■ 495988

■ 98A5D9

■ 30416E

■ B3C0F6

■ 152C55

■ CFDBFF

■ 00173E

■ ECF8FF

■ 000228

■ 000112

■ 000000

■ 6371A2

■ 6371A2

■ 5364A2

■ 737EA2

■ 4358A2

■ 838AA2

■ 324BA2

■ 9497A2

■ 223FA2

■ A4A3A2

■ 1232A2

■ B4B0A2

■ 0225A2

■ C4BDA2

■ 0024A2

■ D4C9A2

■ E5D6A2

■ F5E2A2

Harmonies

Analogous

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



3879A2



6371A2



856896

Triad

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



6371A2



9D6551



3C7F65

Complementary

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



6371A2



A29463

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.



5B7B4F



6371A2



8E6D44

Square

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



6371A2



A36067



777543



14807F

Rectangle

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



6371A2



956388



777543



477E5D

Sweetspot

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



6371A2



BAC0D4



63A293



5C5F6B



EBEBEB



6B6B6B

Same Dimension

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



6371A2



7086D4



7463A2



494B52



002091



000412

Inverse Universe

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



A26371



D47086



91A263



52494B



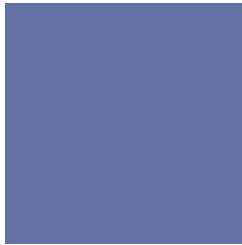
910020



120004

Previews

White Background



This preview shows how the Hex color 6371A2 looks on a white background.

Color Contrast Check

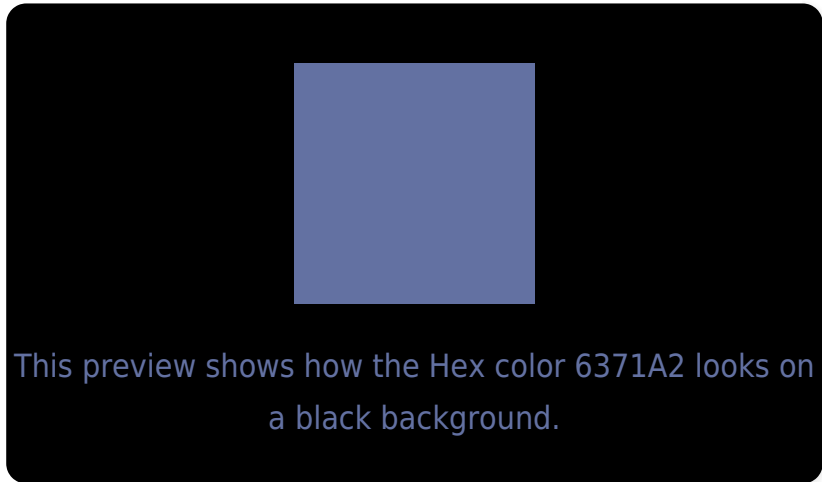
Large Text (above 18pt) WCAG AA ✓ Pass

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

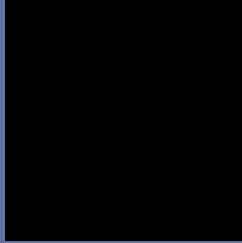
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

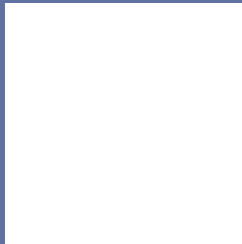
Any Text WCAG AAA × Fail

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

Hex 6371A2 Background



This preview shows how black text looks on a background with the Hex color 6371A2.



This preview shows how white text looks on a background with the Hex color 6371A2.

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
6371A2

Protanopia
6371A2

Deuteranopia
6271A2



Tritanopia
5B7781

Trichromacy



Original Color
6371A2

Protanomaly
6371A2

Deuteranomaly
6271A2

Tritanomaly
5E758D

Monochromacy



Original Color
6371A2

Achromatopsia
727272

Achromatomaly
6D7283

CSS Examples

Text

The CSS property to change the color of the text to Hex 6371A2 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 #6371A2 looks like.

```
.text, #text, p{  
    color:#6371A2  
}
```

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 #6371A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6371A2
}
```

Border

The CSS property to change the border of an element to Hex 6371A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

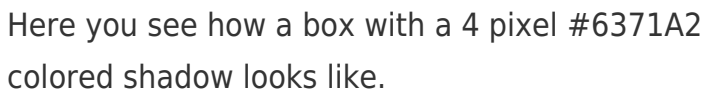
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6371A2 }
```

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

```
.border{ border-color:#6371A2 }
```

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



Here you see how a box with a 4 pixel #6371A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6371A2; -webkit-box-shadow:4px 4px  
4px 4px #6371A2; box-shadow:4px 4px 4px  
4px #6371A2 }
```

Background

The CSS property to change the background color of an element to Hex 6371A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6371A2 }
```

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

```
.background{ background-color:#6371A2 }
```

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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