

Converting Colors

Hex(6491AC)

Have a look what the booklet for
Hex(6491AC) contains.

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Color

Hex(6491AC)

Conversions

Conversions Part 1

Format	Color
Hex	6491AC
RGB	100, 145, 172
RGB Percent	39%, 57%, 67%
CMY	0.6078, 0.4314, 0.3255
CMYK	0.42, 0.16, 0.00, 0.33
HSL	202°, 30%, 53%
HSV	202°, 42%, 67%
XYZ	22.8273, 25.9387, 42.8333
YIQ	134.6230, -35.4870, -1.1430

Conversions

Conversions Part 2

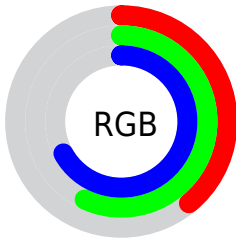
Format	Color
R _Y B	100, 128, 172
Decimal	6590892
CIE Lab	57.98, -8.08, -19.00
CIE LCh	58, 20.641, 246.961
Yxy	25.9387, 0.2492, 0.2832
Android (android.graphics.Color)	4284780972 (0xFF6491AC)
YUV	134.6230, 18.4269, -30.3644
Hunter-Lab	50.9300, -9.1222, -14.2132

Details

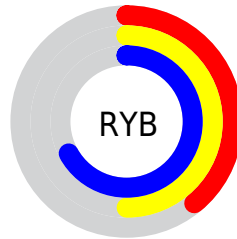
The Hex color **6491AC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AC7F64**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9AC7E3**, and **2F5F78** is the 20% darker color. If you saturate the color by 10%, you get **538BAC**, and if you desaturate by 10%, it is **7597AC**.

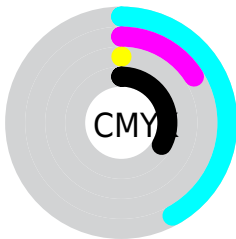
Distribution



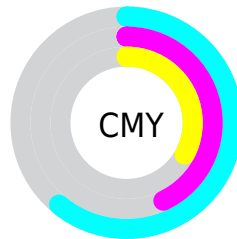
- Red (39%)
- Green (57%)
- Blue (67%)



- Red (39%)
- Yellow (50%)
- Blue (67%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6491AC 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 6491AC by changing the saturation by 10% instead.

■ 6491AC

■ 6491AC

FFFFFF

■ 4A7791

■ 9AC7E3

■ 2F5F78

■ B5E3FF

■ 11475F

■ D2FFFF

■ 003147

■ EFFFFFF

■ 001C31

■ 00011C

■ 000000

■ 6491AC

■ 6491AC

■ 538BAC

■ 7597AC

■ 4284AC

■ 869EAC

■ 307EAC

■ 98A4AC

■ 1F77AC

■ A9ABAC

■ 0E71AC

■ BAB1AC

■ 006CAC

■ CBB8AC

■ DCBEAC

■ EEC5AC

■ FFCBAC

Harmonies

Analogous

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



5895A0



6491AC



7B8CAF

Triad

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



6491AC



B07E88



80916E

Complementary

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



6491AC



AC7F64

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.



948B68



6491AC



AF8076

Square

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



6491AC



A6809A



A5856B



6C947D

Rectangle

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



6491AC



8C87AB



A5856B



878F6B

Sweetspot

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



6491AC



C3D5E0



64AC7E



5E6970



F0F0F0



707070

Same Dimension

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



6491AC



70B6E0



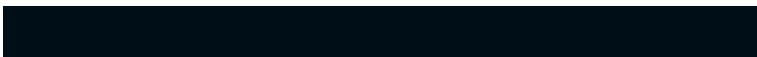
646EAC



4E5357



005E96



000E17

Inverse Universe

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



AC6491



E070B6



ACA264



574E53



96005E



17000E

Previews

White Background



This preview shows how the Hex color 6491AC looks on a white background.

Color Contrast Check

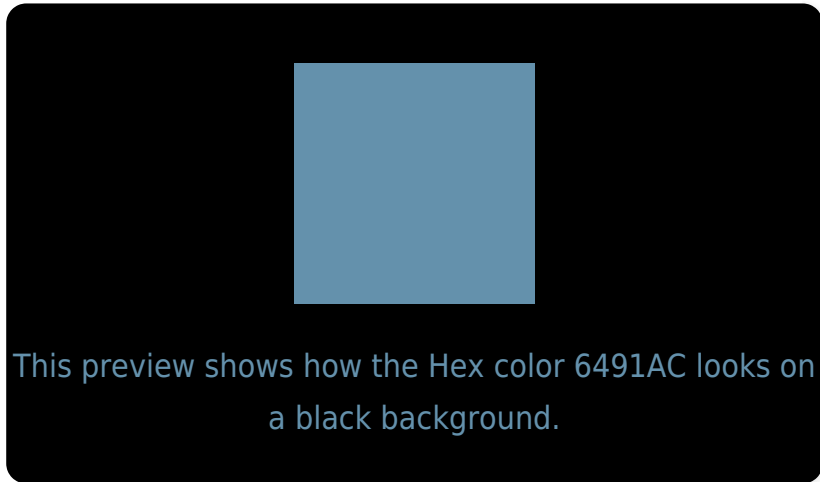
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

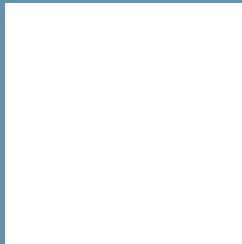
Any Text WCAG AAA × Fail

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

Hex 6491AC Background



This preview shows how black text looks on a background with the Hex color 6491AC.



This preview shows how white text looks on a background with the Hex color 6491AC.

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](#).

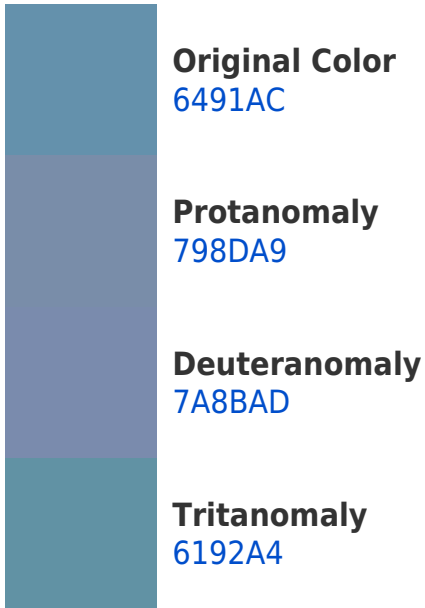
Dichromacy



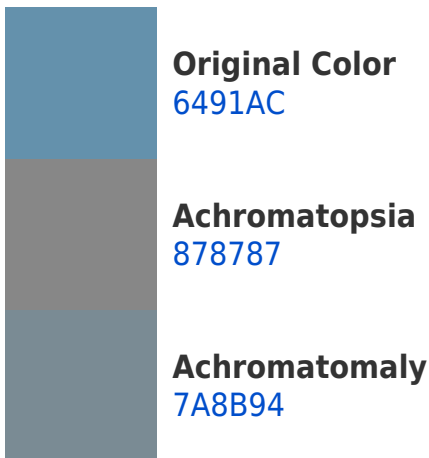


Tritanopia
60939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6491AC 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 #6491AC looks like.

```
.text, #text, p{  
    color:#6491AC  
}
```

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 #6491AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6491AC
}
```

Border

The CSS property to change the border of an element to Hex 6491AC 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
#6491AC }
```

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

```
.border{ border-color:#6491AC }
```

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

Here you see how a box with a 4 pixel #6491AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6491AC; -webkit-box-shadow:4px 4px  
4px 4px #6491AC; box-shadow:4px 4px 4px  
4px #6491AC }
```

Background

The CSS property to change the background color of an element to Hex 6491AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6491AC }
```

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

```
.background{ background-color:#6491AC }
```

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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