

Converting Colors

Hex(6291B4)

Have a look what the booklet for
Hex(6291B4) contains.

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Color

Hex(6291B4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6291B4 |
| RGB | 98, 145, 180 |
| RGB Percent | 38%, 57%, 71% |
| CMY | 0.6157, 0.4314, 0.2941 |
| CMYK | 0.46, 0.19, 0.00, 0.29 |
| HSL | 206°, 35%, 55% |
| HSV | 206°, 46%, 71% |
| XYZ | 23.4006, 26.1428, 46.9927 |
| YIQ | 134.9370, -39.2470, 0.9210 |

Conversions

Conversions Part 2

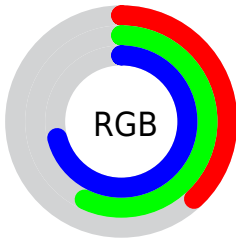
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 98, 128, 180 |
| Decimal | 6459828 |
| CIE _{Lab} | 58.17, -6.33, -23.26 |
| CIE _{LCh} | 58, 24.106, 254.772 |
| Yxy | 26.1428, 0.2424, 0.2708 |
| Android (android.graphics.Color) | 4284649908 (0xFF6291B4) |
| YUV | 134.9370, 22.2161, -32.3937 |
| Hunter-Lab | 51.1300, -7.7835, -18.7015 |

Details

The Hex color **6291B4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B48562**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **98C7EC**, and **2B5F7F** is the 20% darker color. If you saturate the color by 10%, you get **5089B4**, and if you desaturate by 10%, it is **7499B4**.

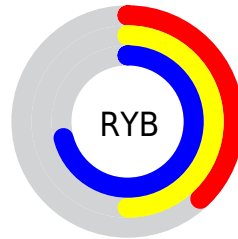
Distribution



Red (38%)

Green (57%)

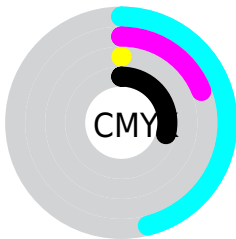
Blue (71%)



Red (38%)

Yellow (50%)

Blue (71%)

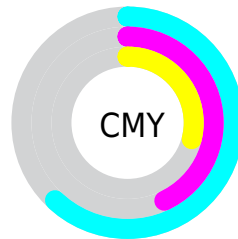


Cyan (46%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (62%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6291B4 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 6291B4 by changing the saturation by 10% instead.

■ 6291B4

■ 6291B4

FFFFFF

■ 477799

■ 98C7EC

■ 2B5F7F

■ B4E3FF

■ 074766

■ D1FFFF

■ 00314E

■ EEEFFF

■ 001C37

■ 000222

■ 000007

■ 000000

■ 6291B4

■ 6291B4

■ 5089B4

■ 7499B4

■ 3E82B4

■ 86A0B4

■ 2C7AB4

■ 98A8B4

■ 1A72B4

■ AAB0B4

■ 086BB4

■ BCB7B4

■ 0067B4

■ CEBFB4

■ E0C7B4

■ F2CEB4

■ FFD6B4

Harmonies

Analogous

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



4D96A9



6291B4



808AB4

Triad

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



6291B4



B67C82



79936D

Complementary

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



6291B4



B48562

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.



908E63



6291B4



B2806F

Square

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



6291B4



AF7D97



A58764



609780

Rectangle

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



6291B4



9385AE



A58764



819269

Sweetspot

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



6291B4



CADDEB



62B484



616D75



F5F5F5



757575

Same Dimension

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



6291B4



6AB4EB



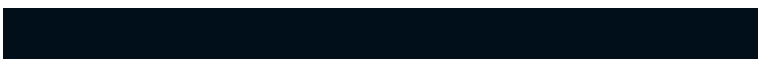
6269B4



505559



005899



000F1A

Inverse Universe

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



B46291



EB6AB4



B4AD62



595055



990058



1A000F

Previews

White Background



This preview shows how the Hex color 6291B4 looks on a white background.

Color Contrast Check

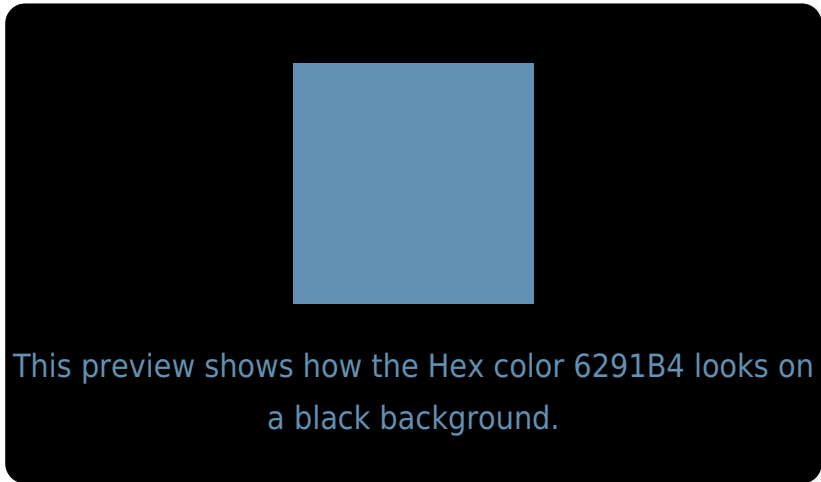
Large Text (above 18pt) WCAG AA ✓ Pass

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

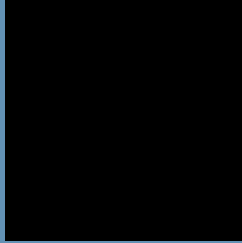
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

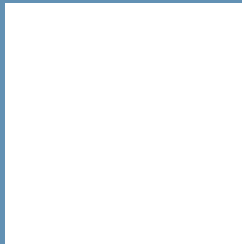
Any Text WCAG AAA × Fail

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

Hex 6291B4 Background



This preview shows how black text looks on a background with the Hex color 6291B4.

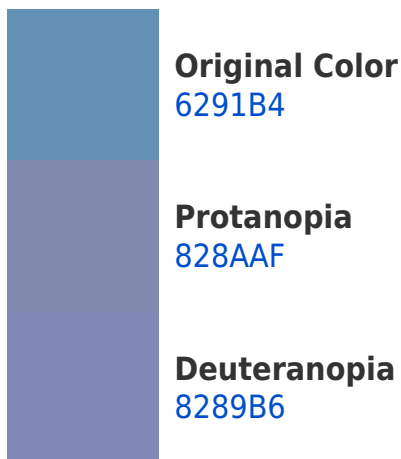


This preview shows how white text looks on a background with the Hex color 6291B4.

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](#).

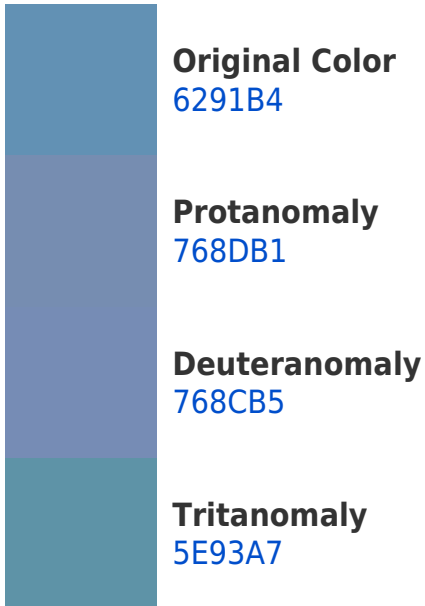
Dichromacy



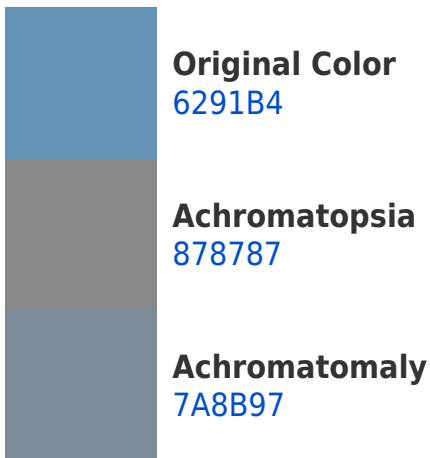


Tritanopia
5C94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6291B4 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 #6291B4 looks like.

```
.text, #text, p{  
    color:#6291B4  
}
```

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 #6291B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6291B4
}
```

Border

The CSS property to change the border of an element to Hex 6291B4 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
#6291B4 }
```

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

```
.border{ border-color:#6291B4 }
```

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

Here you see how a box with a 4 pixel #6291B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6291B4; -webkit-box-shadow:4px 4px  
4px 4px #6291B4; box-shadow:4px 4px 4px  
4px #6291B4 }
```

Background

The CSS property to change the background color of an element to Hex 6291B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6291B4 }
```

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

```
.background{ background-color:#6291B4 }
```

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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