

Converting Colors

Hex(6492D9)

Have a look what the booklet for
Hex(6492D9) contains.

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Color

Hex(6492D9)

Conversions

Conversions Part 1

Format	Color
Hex	6492D9
RGB	100, 146, 217
RGB Percent	39%, 57%, 85%
CMY	0.6078, 0.4275, 0.1490
CMYK	0.54, 0.33, 0.00, 0.15
HSL	216°, 61%, 62%
HSV	216°, 54%, 85%
XYZ	28.0588, 28.2768, 69.6248
YIQ	140.3400, -50.2070, 12.3290

Conversions

Conversions Part 2

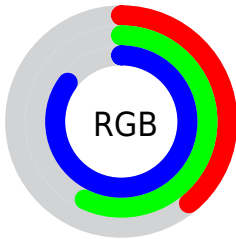
Format	Color
R _Y B	100, 133, 217
Decimal	6591193
CIE Lab	60.14, 4.74, -41.03
CIE LCh	60, 41.306, 276.595
Yxy	28.2768, 0.2228, 0.2245
Android (android.graphics.Color)	4284781273 (0xFF6492D9)
YUV	140.3400, 37.7934, -35.3782
Hunter-Lab	53.1760, 1.1292, -40.4068

Details

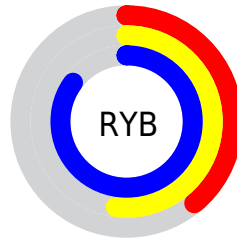
The Hex color **6492D9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D9AB64**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9DC8FF**, and **2560A2** is the 20% darker color. If you saturate the color by 10%, you get **4E85D9**, and if you desaturate by 10%, it is **7A9FD9**.

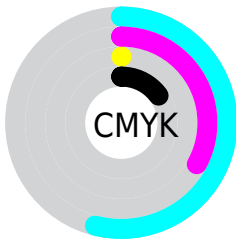
Distribution



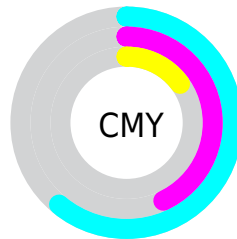
- Red (39%)
- Green (57%)
- Blue (85%)



- Red (39%)
- Yellow (52%)
- Blue (85%)



- Cyan (54%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (61%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6492D9 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 6492D9 by changing the saturation by 10% instead.

■ 6492D9

■ 6492D9

FFFFFF

■ 4678BD

■ 9DC8FF

■ 2560A2

■ BAE4FF

■ 004987

■ D8FFFF

■ 00326D

■ F5FFFF

■ 001E55

■ 00033D

■ 000326

■ 000110

■ 000000

■ 6492D9

■ 6492D9

■ 4E85D9

■ 7A9FD9

■ 3978D9

■ 8FACD9

■ 236AD9

■ A5BAD9

■ 0D5DD9

■ BBC7D9

■ 0055D9

■ D1D4D9

■ E6E1D9

■ FCEED9

■ FFFBD9

■ FFFF9

Harmonies

Analogous

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



009CD3



6492D9



9F84CC

Triad

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



6492D9



D27967



48A173

Complementary

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



6492D9



D9AB64

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.



799B55



6492D9



BF854E

Square

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



6492D9



D5738A



A09247



00A498

Rectangle

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



6492D9



BA7BB9



A09247



5AA067

Sweetspot

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



6492D9



D6E6FF



64D9AA



677180



000000



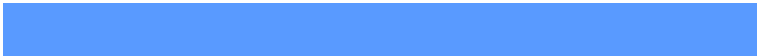
808080

Same Dimension

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



6492D9



599AFF



7064D9



63676E



0044AD



00122E

Inverse Universe

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



D96492



FF599A



CDD964



6E6367



AD0044



2E0012

Previews

White Background



This preview shows how the Hex color 6492D9 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



This preview shows how the Hex color 6492D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

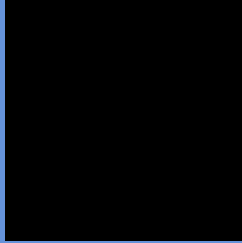
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

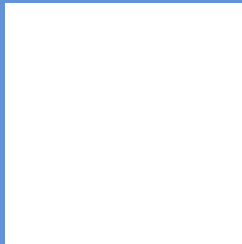
Any Text WCAG AAA × Fail

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

Hex 6492D9 Background



This preview shows how black text looks on a background with the Hex color 6492D9.

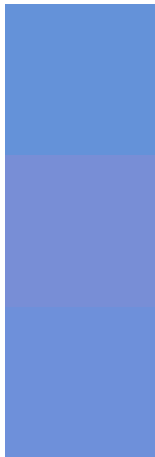


This preview shows how white text looks on a background with the Hex color 6492D9.

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](#).

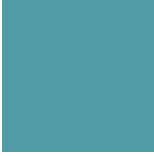
Dichromacy



Original Color
6492D9

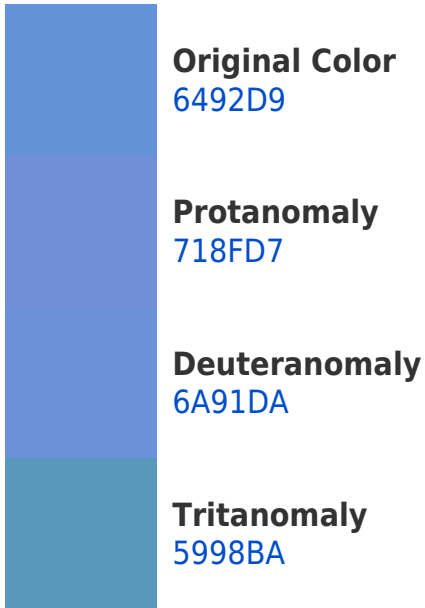
Protanopia
788ED6

Deuteranopia
6E90DA

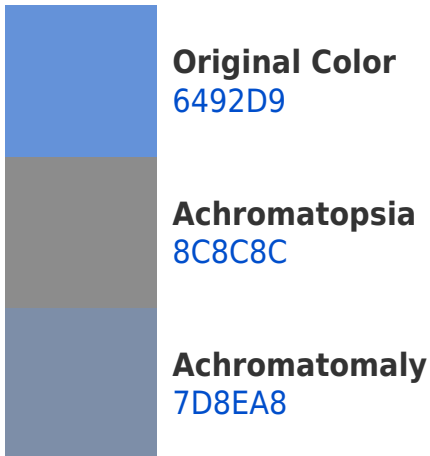


Tritanopia
529CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6492D9 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 #6492D9 looks like.

```
.text, #text, p{  
    color:#6492D9  
}
```

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 #6492D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6492D9
}
```

Border

The CSS property to change the border of an element to Hex 6492D9 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
#6492D9 }
```

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

```
.border{ border-color:#6492D9 }
```

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

Here you see how a box with a 4 pixel #6492D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6492D9; -webkit-box-shadow:4px 4px  
4px 4px #6492D9; box-shadow:4px 4px 4px  
4px #6492D9 }
```

Background

The CSS property to change the background color of an element to Hex 6492D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6492D9 }
```

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

```
.background{ background-color:#6492D9 }
```

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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