

Converting Colors

Hex(0492D6)

Have a look what the booklet for
Hex(0492D6) contains.

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Color

Hex(0492D6)

Conversions

Conversions Part 1

Format	Color
Hex	0492D6
RGB	4, 146, 214
RGB Percent	2%, 57%, 84%
CMY	0.9843, 0.4275, 0.1608
CMYK	0.98, 0.32, 0.00, 0.16
HSL	199°, 96%, 43%
HSV	199°, 98%, 84%
XYZ	22.4666, 25.4386, 67.3444
YIQ	111.2940, -106.4600, -8.9560

Conversions

Conversions Part 2

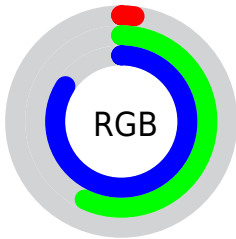
Format	Color
R _Y B	4, 89, 214
Decimal	299734
CIE Lab	57.50, -7.66, -43.68
CIE LCh	58, 44.345, 260.051
Yxy	25.4386, 0.1949, 0.2207
Android (android.graphics.Color)	4278489814 (0xFF0492D6)
YUV	111.2940, 50.6341, -94.0968
Hunter-Lab	50.4367, -8.7531, -43.8598

Details

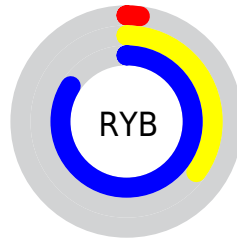
The Hex color **0492D6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D64804**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **66C8FF**, and **00609F** is the 20% darker color. If you saturate the color by 10%, you get **0091D6**, and if you desaturate by 10%, it is **1999D6**.

Distribution



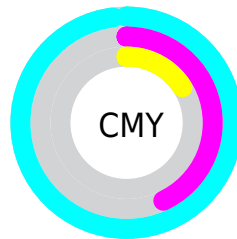
- Red (2%)
- Green (57%)
- Blue (84%)



- Red (2%)
- Yellow (35%)
- Blue (84%)



- Cyan (98%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (98%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0492D6 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 0492D6 by changing the saturation by 10% instead.


 0492D6

 0492D6

FFFFFF

 0078BA

 66C8FF

 00609F

 87E4FF

 004884

 A6FFFF

 00326B

 C5FFFF

 001E52

 E4FFFF

 00063B

 000224

 00000C

 000000

■ 0492D6

■ 0492D6

■ 0091D6

■ 1999D6

■ 2FA0D6

■ 44A7D6

■ 5AAED6

■ 6FB5D6

■ 84BCD6

■ 9AC3D6

■ AFC9D6

■ C5D0D6

Harmonies

Analogous

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



009AC5



0492D6



7885D3

Triad

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



0492D6



D36B72



5A9856

Complementary

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



0492D6



D64804

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.



87903E



0492D6



C77550

Square

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



0492D6



CB6B99



AC833C



009D7B

Rectangle

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



0492D6



9E7BC6



AC833C



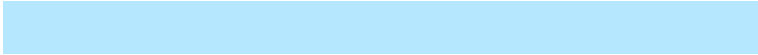
6A964C

Sweetspot

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



0492D6



B5E7FF



04D647



537180



000000



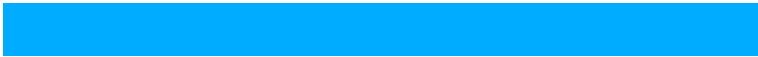
808080

Same Dimension

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



0492D6



00ACFF



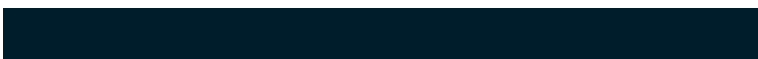
042BD6



60686B



0074AB



001D2B

Inverse Universe

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



D60492



FF00AC



D6B004



6B6068



AB0074



2B001D

Previews

White Background



This preview shows how the Hex color 0492D6 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 0492D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

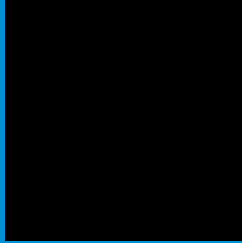
Any Text WCAG AA ✓ Pass

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 0492D6 Background



This preview shows how black text looks on a background with the Hex color 0492D6.

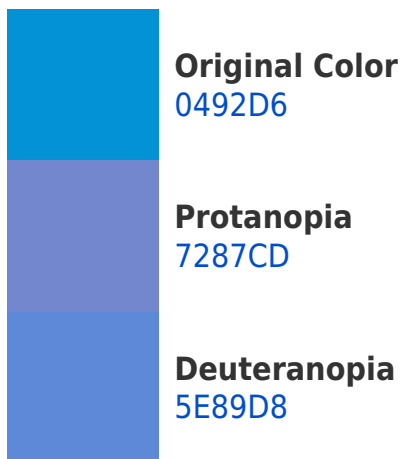


This preview shows how white text looks on a background with the Hex color 0492D6.

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



Trichromacy



Original Color
0492D6

Protanomaly
4A8BD0

Deuteranomaly
3D8CD7

Monochromacy



Original Color
0492D6

Achromatopsia
6F6F6F

Achromatomaly
487C94

CSS Examples

Text

The CSS property to change the color of the text to Hex 0492D6 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 #0492D6 looks like.

```
.text, #text, p{  
    color:#0492D6  
}
```

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 #0492D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0492D6
}
```

Border

The CSS property to change the border of an element to Hex 0492D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

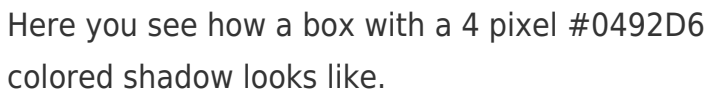
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0492D6 }
```

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

```
.border{ border-color:#0492D6 }
```

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



Here you see how a box with a 4 pixel #0492D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0492D6; -webkit-box-shadow:4px 4px  
4px 4px #0492D6; box-shadow:4px 4px 4px  
4px #0492D6 }
```

Background

The CSS property to change the background color of an element to Hex 0492D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0492D6 }
```

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

```
.background{ background-color:#0492D6 }
```

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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