

Converting Colors

Hex(4295D4)

Have a look what the booklet for
Hex(4295D4) contains.

Hex(4295D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4295D4)

Conversions

Conversions Part 1

Format	Color
Hex	4295D4
RGB	66, 149, 212
RGB Percent	26%, 58%, 83%
CMY	0.7412, 0.4157, 0.1686
CMYK	0.69, 0.30, 0.00, 0.17
HSL	206°, 63%, 55%
HSV	206°, 69%, 83%
XYZ	24.8779, 27.4066, 66.2662
YIQ	131.3650, -69.6910, 1.9970

Conversions

Conversions Part 2

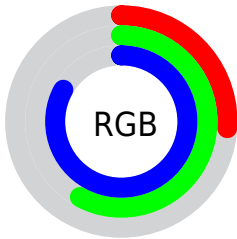
Format	Color
R _Y B	66, 119, 212
Decimal	4363732
CIE Lab	59.35, -4.94, -39.58
CIE LCh	59, 39.884, 262.881
Yxy	27.4066, 0.2099, 0.2312
Android (android.graphics.Color)	4282553812 (0xFF4295D4)
YUV	131.3650, 39.7531, -57.3251
Hunter-Lab	52.3513, -6.7898, -38.4032

Details

The Hex color **4295D4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D48142**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **81CBFF**, and **00639D** is the 20% darker color. If you saturate the color by 10%, you get **2D8CD4**, and if you desaturate by 10%, it is **579ED4**.

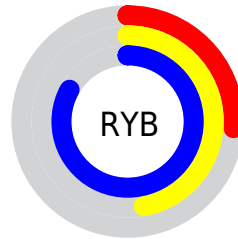
Distribution



Red (26%)

Green (58%)

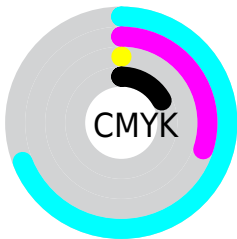
Blue (83%)



Red (26%)

Yellow (47%)

Blue (83%)

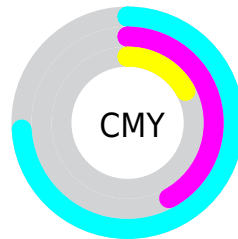


Cyan (69%)

Magenta (30%)

Yellow (0%)

Black (17%)



Cyan (74%)

Magenta (42%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4295D4 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 4295D4 by changing the saturation by 10% instead.

 4295D4

 4295D4

FFFFFF

 167BB8

 81CBFF

 00639D

 9FE7FF

 004B83

 BDFFFF

 003569

 DBFFFF

 002051

 F9FFFF

 000539

 000223

 00000A

 000000

■ 4295D4

■ 4295D4

■ 2D8CD4

■ 579ED4

■ 1883D4

■ 6CA7D4

■ 027AD4

■ 82B0D4

■ 0079D4

■ 97BAD4

■ ACC3D4

■ C1CCD4

■ D6D5D4

■ ECDED4

■ FFE7D4

Harmonies

Analogous

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



009DC6



4295D4



8589CF

Triad

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



4295D4



D27475



609D63

Complementary

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



4295D4



D48142

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.



8A954C



4295D4



C57D58

Square

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



4295D4



CC7399



AC8A48



24A185

Rectangle

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



4295D4



A680C2



AC8A48



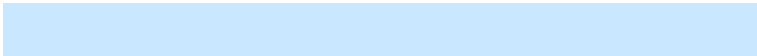
6F9B5A

Sweetspot

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



4295D4



C9E8FF



42D47F



607280



000000



808080

Same Dimension

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



4295D4



2BA4FF



424ED4



60666B



0061AB



00192B

Inverse Universe

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



D44295



FF2BA4



D4C842



6B6066



AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 4295D4 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 4295D4 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

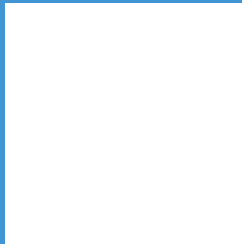
Any Text WCAG AAA × Fail

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

Hex 4295D4 Background



This preview shows how black text looks on a background with the Hex color 4295D4.

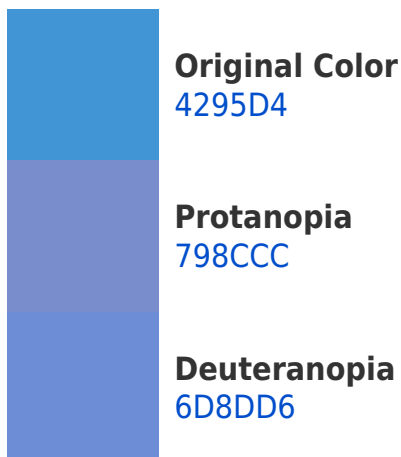


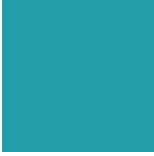
This preview shows how white text looks on a background with the Hex color 4295D4.

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](#).

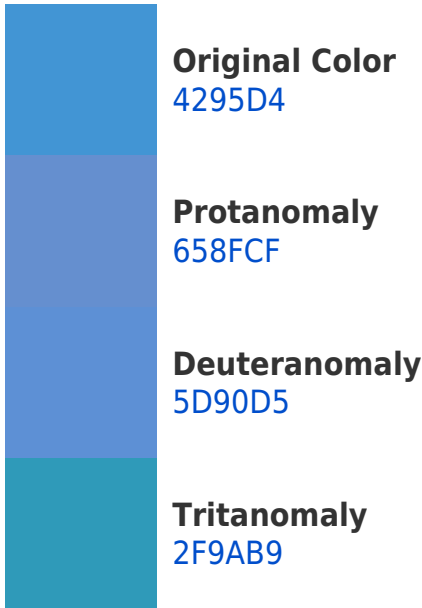
Dichromacy



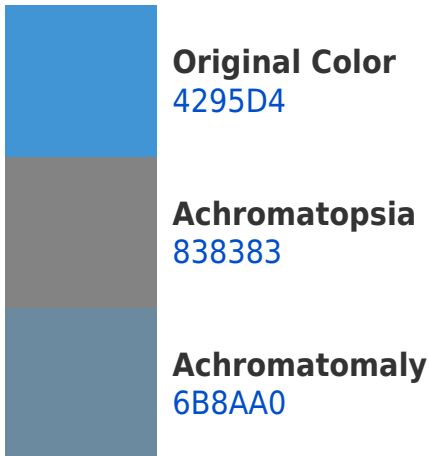


Tritanopia
249DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4295D4 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 #4295D4 looks like.

```
.text, #text, p{  
    color:#4295D4  
}
```

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 #4295D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4295D4
}
```

Border

The CSS property to change the border of an element to Hex 4295D4 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
#4295D4 }
```

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

```
.border{ border-color:#4295D4 }
```

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

Here you see how a box with a 4 pixel #4295D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4295D4; -webkit-box-shadow:4px 4px  
4px 4px #4295D4; box-shadow:4px 4px 4px  
4px #4295D4 }
```

Background

The CSS property to change the background color of an element to Hex 4295D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4295D4 }
```

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

```
.background{ background-color:#4295D4 }
```

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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