

Converting Colors

Hex(4286D8)

Have a look what the booklet for
Hex(4286D8) contains.

Hex(4286D8)	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(4286D8)

Conversions

Conversions Part 1

Format	Color
Hex	4286D8
RGB	66, 134, 216
RGB Percent	26%, 53%, 85%
CMY	0.7412, 0.4745, 0.1529
CMYK	0.69, 0.38, 0.00, 0.15
HSL	213°, 66%, 55%
HSV	213°, 69%, 85%
XYZ	23.1665, 23.1663, 68.2163
YIQ	123.0160, -66.8500, 11.0860

Conversions

Conversions Part 2

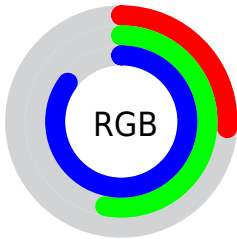
Format	Color
R _Y B	66, 113, 216
Decimal	4359896
CIE Lab	55.24, 5.25, -48.30
CIE LCh	55, 48.586, 276.197
Yxy	23.1663, 0.2022, 0.2022
Android (android.graphics.Color)	4282549976 (0xFF4286D8)
YUV	123.0160, 45.8411, -50.0030
Hunter-Lab	48.1314, 1.6854, -50.3393

Details

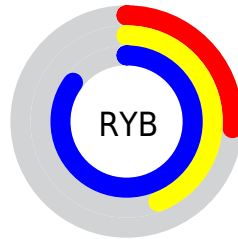
The Hex color **4286D8** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D89442**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **82BBFF**, and **0055A1** is the 20% darker color. If you saturate the color by 10%, you get **2C7AD8**, and if you desaturate by 10%, it is **5892D8**.

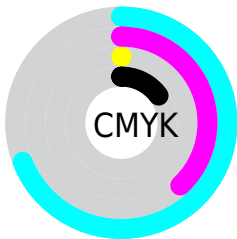
Distribution



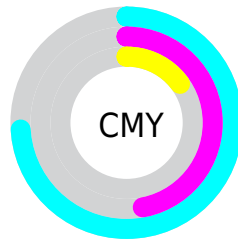
- Red (26%)
- Green (53%)
- Blue (85%)



- Red (26%)
- Yellow (44%)
- Blue (85%)



- Cyan (69%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (74%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4286D8 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 4286D8 by changing the saturation by 10% instead.

■ 4286D8

■ 4286D8

FFFFFF

■ 156DBC

■ 82BBFF

■ 0055A1

■ A0D6FF

■ 003E86

■ BDF3FF

■ 00296C

■ DCFFFF

■ 001653

■ FAFFFF

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 4286D8

■ 4286D8

■ 2C7AD8

■ 5892D8

■ 176ED8

■ 6D9ED8

■ 0163D8

■ 83A9D8

■ 0062D8

■ 98B5D8

■ AEC1D8

■ C4CDD8

■ D9D9D8

■ EFE4D8

■ FFF0D8

Harmonies

Analogous

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



0092D1



4286D8



9276C9

Triad

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



4286D8



CD6655



229761

Complementary

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



4286D8



D89442

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.



67903D



4286D8



B67636

Square

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



4286D8



D15E7D



93852B



00998C

Rectangle

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



4286D8



B36AB4



93852B



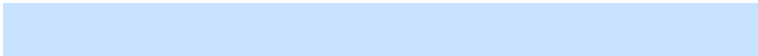
409553

Sweetspot

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



4286D8



C9E2FF



42D892



606E80



000000



808080

Same Dimension

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



4286D8



2B8BFF



4742D8



60656B



004DAB



00142B

Inverse Universe

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



D84286



FF2B8B



D3D842



6B6065



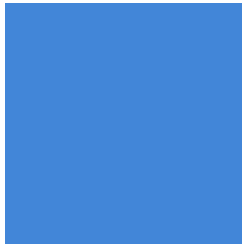
AB004D



2B0014

Previews

White Background



This preview shows how the Hex color 4286D8 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 4286D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

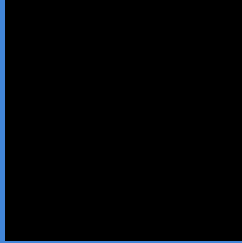
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

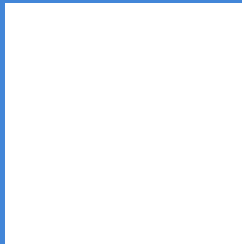
Any Text WCAG AAA × Fail

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

Hex 4286D8 Background



This preview shows how black text looks on a background with the Hex color 4286D8.

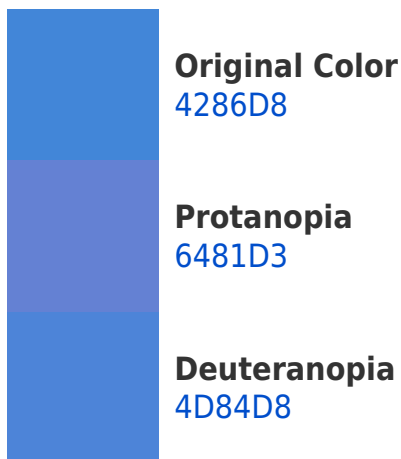


This preview shows how white text looks on a background with the Hex color 4286D8.

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](#).

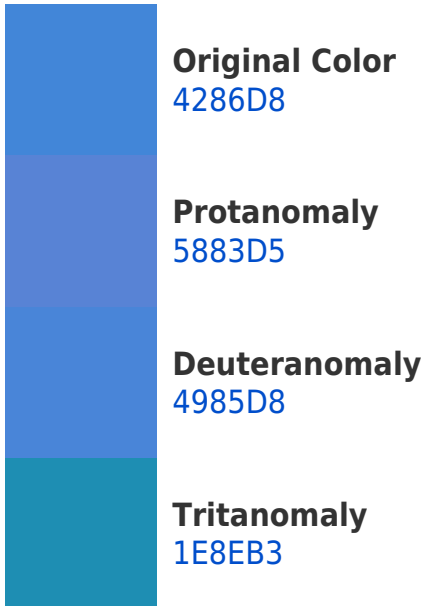
Dichromacy



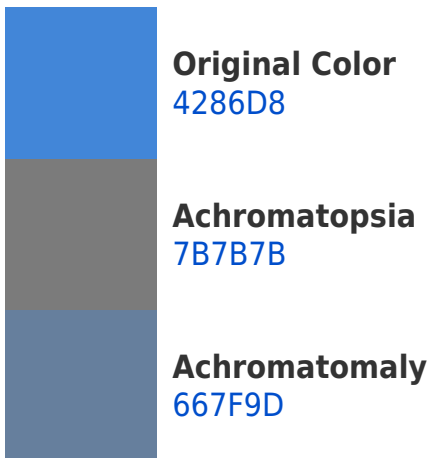


Tritanopia
0A929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4286D8 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 #4286D8 looks like.

```
.text, #text, p{  
    color:#4286D8  
}
```

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 #4286D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4286D8  
}
```

Border

The CSS property to change the border of an element to Hex 4286D8 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  
#4286D8 }
```

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

```
.border{ border-color:#4286D8 }
```

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

Here you see how a box with a 4 pixel #4286D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4286D8; -webkit-box-shadow:4px 4px  
4px 4px #4286D8; box-shadow:4px 4px 4px  
4px #4286D8 }
```

Background

The CSS property to change the background color of an element to Hex 4286D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4286D8 }
```

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

```
.background{ background-color:#4286D8 }
```

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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