

Converting Colors

Hex(4286E2)

Have a look what the booklet for
Hex(4286E2) contains.

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Color

Hex(4286E2)

Conversions

Conversions Part 1

Format	Color
Hex	4286E2
RGB	66, 134, 226
RGB Percent	26%, 53%, 89%
CMY	0.7412, 0.4745, 0.1137
CMYK	0.71, 0.41, 0.00, 0.11
HSL	214°, 73%, 57%
HSV	214°, 71%, 89%
XYZ	24.4993, 23.6994, 75.2347
YIQ	124.1560, -70.0600, 14.1960

Conversions

Conversions Part 2

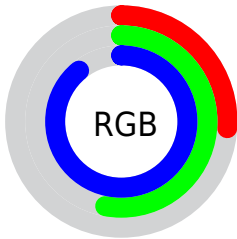
Format	Color
R _Y B	66, 114, 226
Decimal	4359906
CIE Lab	55.79, 8.79, -53.05
CIE LCh	56, 53.768, 279.404
Yxy	23.6994, 0.1985, 0.1920
Android (android.graphics.Color)	4282549986 (0xFF4286E2)
YUV	124.1560, 50.2091, -51.0028
Hunter-Lab	48.6821, 4.6368, -57.5511

Details

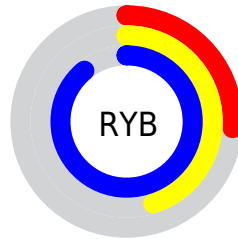
The Hex color **4286E2** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **E29E42**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **83BBFF**, and **0055AA** is the 20% darker color. If you saturate the color by 10%, you get **2B79E2**, and if you desaturate by 10%, it is **5993E2**.

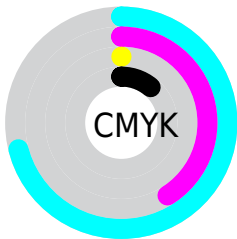
Distribution



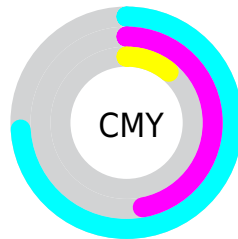
- Red (26%)
- Green (53%)
- Blue (89%)



- Red (26%)
- Yellow (45%)
- Blue (89%)



- Cyan (71%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (74%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4286E2 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 4286E2 by changing the saturation by 10% instead.

■ 4286E2

■ 4286E2

FFFFFF

■ 106DC6

■ 83BBFF

■ 0055AA

■ A2D6FF

■ 003F8F

■ C0F3FF

■ 002A75

■ DEFFFF

■ 00165C

■ FDFFFF

■ 000743

■ 00032C

■ 000117

■ 000000

■ 4286E2

■ 4286E2

■ 2B79E2

■ 5993E2

■ 156CE2

■ 6FA0E2

■ 0060E2

■ 86ADE2

■ 9CBAE2

■ B3C7E2

■ CAD4E2

■ E0E1E2

■ F7EEE2

■ FFFBE2

Harmonies

Analogous

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



0093DD



4286E2



9B73CE

Triad

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



4286E2



D3654D



009A63

Complementary

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



4286E2



E29E42

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.



5E9439



4286E2



B8772A

Square

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



4286E2



DB5A79



91881F



009C93

Rectangle

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



4286E2



BD66B6



91881F



2B9854

Sweetspot

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



4286E2



C9E0FF



42E29D



606D80



000000



808080

Same Dimension

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



4286E2



2682FF



4D42E2



656A70



004BB0



001530

Inverse Universe

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



E24286



FF2682



D7E242



70656A



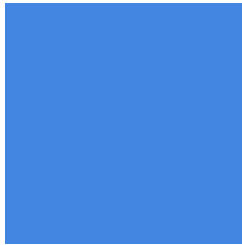
B0004B



300015

Previews

White Background



This preview shows how the Hex color 4286E2 looks on a white background.

Color Contrast Check

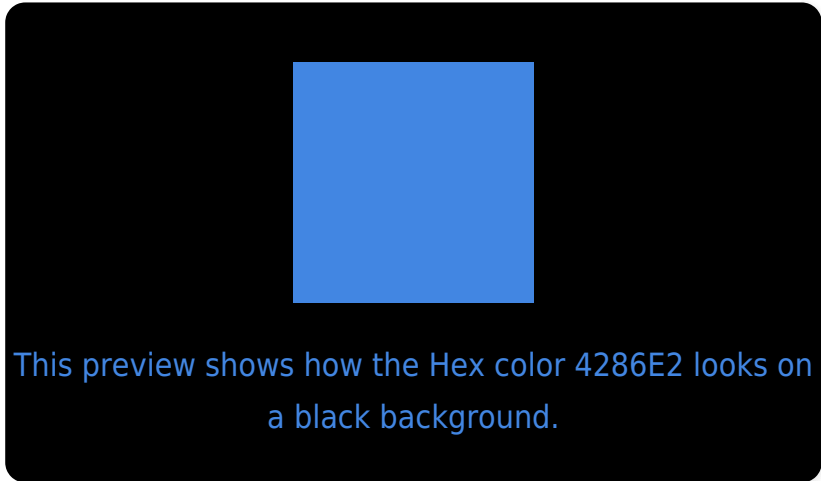
Large Text (above 18pt) WCAG AA ✓ Pass

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

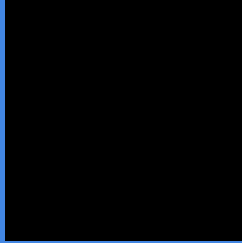
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

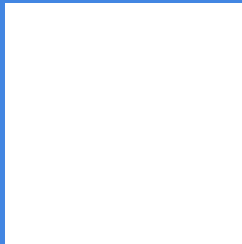
Any Text WCAG AAA × Fail

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

Hex 4286E2 Background



This preview shows how black text looks on a background with the Hex color 4286E2.



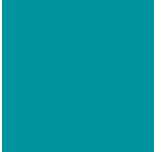
This preview shows how white text looks on a background with the Hex color 4286E2.

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](#).

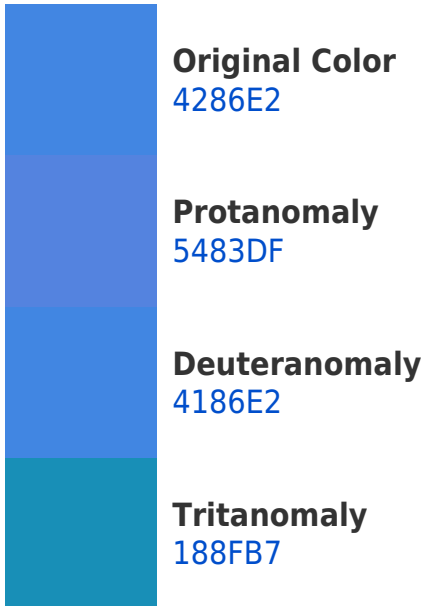
Dichromacy



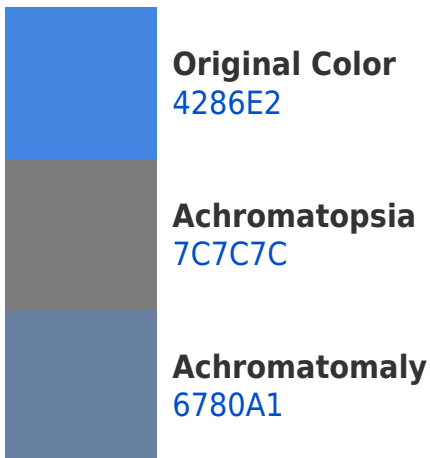


Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4286E2 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 #4286E2 looks like.

```
.text, #text, p{  
    color:#4286E2  
}
```

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 #4286E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4286E2
}
```

Border

The CSS property to change the border of an element to Hex 4286E2 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
#4286E2 }
```

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

```
.border{ border-color:#4286E2 }
```

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

Here you see how a box with a 4 pixel #4286E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4286E2; -webkit-box-shadow:4px 4px  
4px 4px #4286E2; box-shadow:4px 4px 4px  
4px #4286E2 }
```

Background

The CSS property to change the background color of an element to Hex 4286E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4286E2 }
```

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

```
.background{ background-color:#4286E2 }
```

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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