

Converting Colors

Hex(4278E7)

Have a look what the booklet for
Hex(4278E7) contains.

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Color

Hex(4278E7)

Conversions

Conversions Part 1

Format	Color
Hex	4278E7
RGB	66, 120, 231
RGB Percent	26%, 47%, 91%
CMY	0.7412, 0.5294, 0.0941
CMYK	0.71, 0.48, 0.00, 0.09
HSL	220°, 77%, 58%
HSV	220°, 71%, 91%
XYZ	23.3870, 20.3607, 78.2987
YIQ	116.5080, -67.8150, 23.0730

Conversions

Conversions Part 2

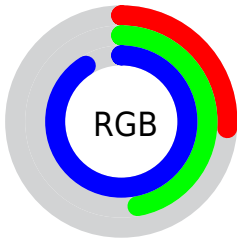
Format	Color
RYB	66, 107, 231
Decimal	4356327
CIELab	52.24, 19.17, -61.52
CIELCh	52, 64.439, 287.304
Yxy	20.3607, 0.1916, 0.1668
Android (android.graphics.Color)	4282546407 (0xFF4278E7)
YUV	116.5080, 56.4446, -44.2955
Hunter-Lab	45.1228, 13.5511, -71.2960

Details

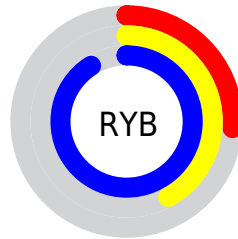
The Hex color **4278E7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E7B142**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **85ACFF**, and **0049AF** is the 20% darker color. If you saturate the color by 10%, you get **2B68E7**, and if you desaturate by 10%, it is **5988E7**.

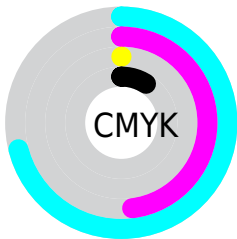
Distribution



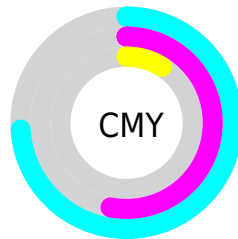
- Red (26%)
- Green (47%)
- Blue (91%)



- Red (26%)
- Yellow (42%)
- Blue (91%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (9%)



- Cyan (74%)
- Magenta (53%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4278E7 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 4278E7 by changing the saturation by 10% instead.

■ 4278E7

FFFFFF

■ 85ACFF

■ A3C7FF

■ C2E3FF

■ E0FFFF

■ 4278E7

■ 0B60CA

■ 0049AF

■ 003393

■ 001F79

■ 00085F

■ 000847

■ 00042F

■ 00011A

■ 000000

■ 4278E7

■ 4278E7

■ 2B68E7

■ 5988E7

■ 1459E7

■ 7097E7

■ 004CE7

■ 87A7E7

■ 9EB6E7

■ B6C6E7

■ CDD5E7

■ E4E5E7

■ FBF4E7

■ FFFFE7

Harmonies

Analogous

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



008AE9



4278E7



A65EC8

Triad

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



4278E7



CD592C



009462

Complementary

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



4278E7



E7B142

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.



308F2A



4278E7



A97200

Square

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



4278E7



DE435F



788400



00969C

Rectangle

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



4278E7



C84CA8



788400



00934F

Sweetspot

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



4278E7



C9DBFF



42E7B0



606A80



000000



808080

Same Dimension

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



4278E7



246BFF



5D42E7



676B73



003AB3



001133

Inverse Universe

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



E74278



FF246B



CBE742



73676B



B3003A



330011

Previews

White Background



This preview shows how the Hex color 4278E7 looks on a white background.

Color Contrast Check

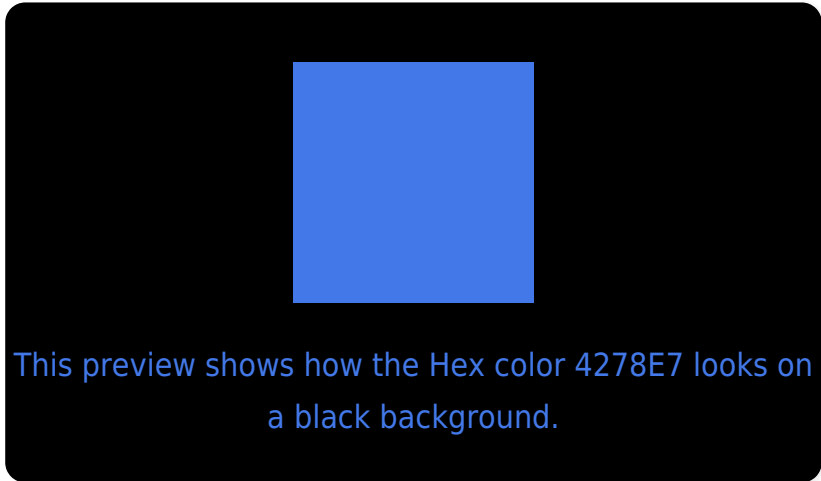
Large Text (above 18pt) WCAG AA ✓ Pass

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

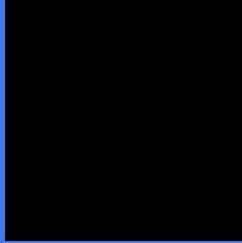
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

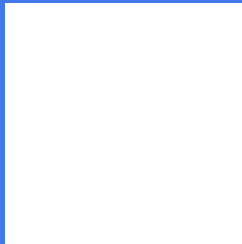
Any Text WCAG AAA × Fail

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

Hex 4278E7 Background



This preview shows how black text looks on a background with the Hex color 4278E7.



This preview shows how white text looks on a background with the Hex color 4278E7.

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](#).

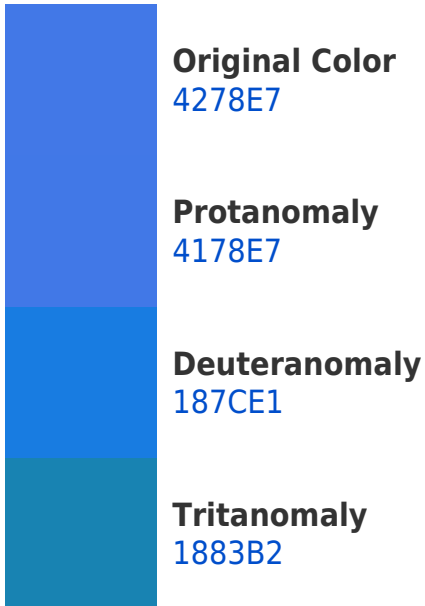
Dichromacy





Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4278E7 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 #4278E7 looks like.

```
.text, #text, p{  
    color:#4278E7  
}
```

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 #4278E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4278E7
}
```

Border

The CSS property to change the border of an element to Hex 4278E7 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
#4278E7 }
```

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

```
.border{ border-color:#4278E7 }
```

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

Here you see how a box with a 4 pixel #4278E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4278E7; -webkit-box-shadow:4px 4px  
4px 4px #4278E7; box-shadow:4px 4px 4px  
4px #4278E7 }
```

Background

The CSS property to change the background color of an element to Hex 4278E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4278E7 }
```

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

```
.background{ background-color:#4278E7 }
```

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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