

Converting Colors

Hex(2079E7)

Have a look what the booklet for
Hex(2079E7) contains.

Hex(2079E7)	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(2079E7)

Conversions

Conversions Part 1

Format	Color
Hex	2079E7
RGB	32, 121, 231
RGB Percent	13%, 47%, 91%
CMY	0.8745, 0.5255, 0.0941
CMYK	0.86, 0.48, 0.00, 0.09
HSL	213°, 81%, 52%
HSV	213°, 86%, 91%
XYZ	21.8568, 19.7513, 78.2617
YIQ	106.9290, -88.3540, 15.3420

Conversions

Conversions Part 2

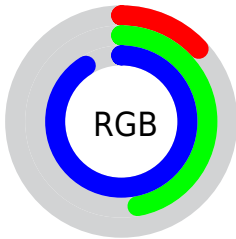
Format	Color
R_{YB}	32, 93, 231
Decimal	2128359
CIE Lab	51.55, 15.14, -62.68
CIE LCh	52, 64.483, 283.582
Yxy	19.7513, 0.1823, 0.1648
Android (android.graphics.Color)	4280318439 (0xFF2079E7)
YUV	106.9290, 61.1670, -65.7127
Hunter-Lab	44.4425, 10.0121, -73.2980

Details

The Hex color **2079E7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E78E20**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **72ADFF**, and **004AAF** is the 20% darker color. If you saturate the color by 10%, you get **096CE7**, and if you desaturate by 10%, it is **3786E7**.

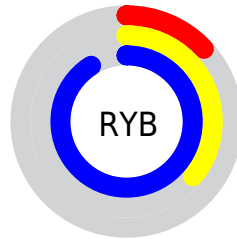
Distribution



Red (13%)

Green (47%)

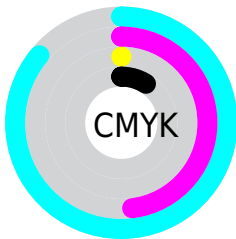
Blue (91%)



Red (13%)

Yellow (36%)

Blue (91%)

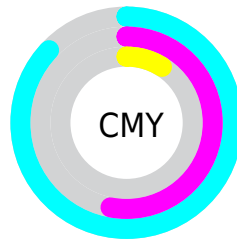


Cyan (86%)

Magenta (48%)

Yellow (0%)

Black (9%)



Cyan (87%)

Magenta (53%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2079E7 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 2079E7 by changing the saturation by 10% instead.

 2079E7

 2079E7

FFFFFF

 0061CA

 72ADFF

 004AAF

 92C8FF

 003493

 B1E4FF


 002179

 D0FFFF

 00095F

 F0FFFF

 000847

 00042F

 00011A

 000000

■ 2079E7

■ 2079E7

■ 096CE7

■ 3786E7

■ 0067E7

■ 4E93E7

■ 659FE7

■ 7CACE7

■ 93B9E7

■ ABC6E7

■ C2D2E7

■ D9DFE7

■ F0ECE7

Harmonies

Analogous

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



008AE5



2079E7



9C60CC

Triad

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



2079E7



CF5430



00925A

Complementary

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



2079E7



E78E20

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.



3B8C21



2079E7



AD6D00

Square

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



2079E7



DC3F64



7D8000



009493

Rectangle

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



2079E7



C14DAD



7D8000



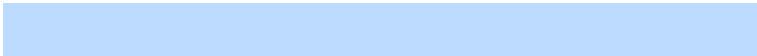
009047

Sweetspot

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



2079E7



BDDAFF



20E78D



586A80



000000



808080

Same Dimension

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



2079E7



0072FF



2A20E7



676C73



0050B3



001733

Inverse Universe

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



E72079



FF0072



DDE720



73676C



B30050



330017

Previews

White Background



This preview shows how the Hex color 2079E7 looks on a white background.

Color Contrast Check

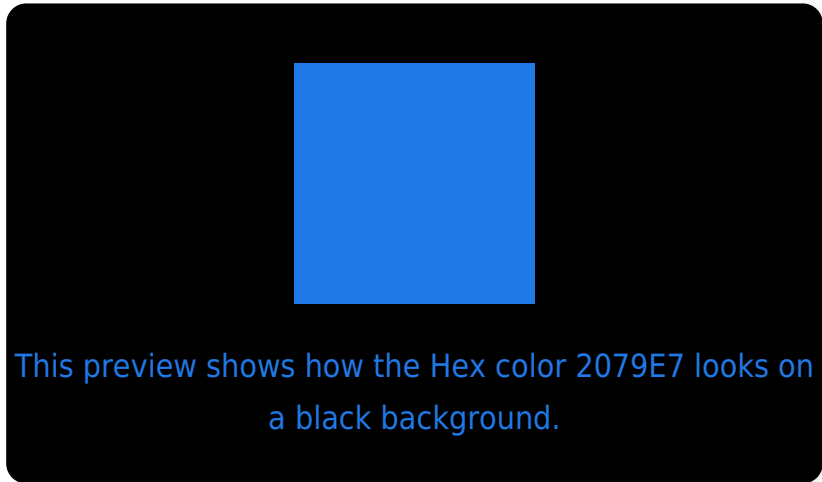
Large Text (above 18pt) WCAG AA ✓ Pass

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

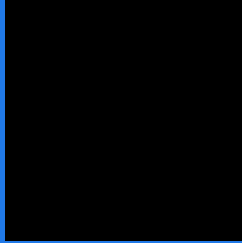
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

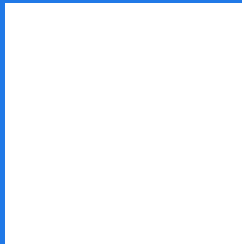
Any Text WCAG AAA × Fail

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

Hex 2079E7 Background



This preview shows how black text looks on a background with the Hex color 2079E7.

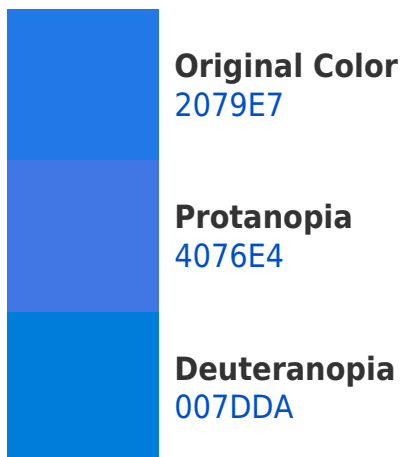


This preview shows how white text looks on a background with the Hex color 2079E7.

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](#).

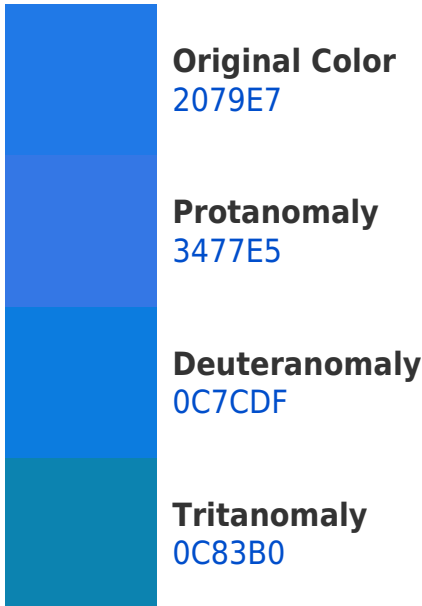
Dichromacy





Tritanopia
008891

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2079E7 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 #2079E7 looks like.

```
.text, #text, p{  
    color:#2079E7  
}
```

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 #2079E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2079E7
}
```

Border

The CSS property to change the border of an element to Hex 2079E7 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
#2079E7 }
```

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

```
.border{ border-color:#2079E7 }
```

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

Here you see how a box with a 4 pixel #2079E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2079E7; -webkit-box-shadow:4px 4px  
4px 4px #2079E7; box-shadow:4px 4px 4px  
4px #2079E7 }
```

Background

The CSS property to change the background color of an element to Hex 2079E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2079E7 }
```

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

```
.background{ background-color:#2079E7 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor