

Converting Colors

Hex(1780EA)

Have a look what the booklet for
Hex(1780EA) contains.

Hex(1780EA)	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(1780EA)

Conversions

Conversions Part 1

Format	Color
Hex	1780EA
RGB	23, 128, 234
RGB Percent	9%, 50%, 92%
CMY	0.9098, 0.4980, 0.0824
CMYK	0.90, 0.45, 0.00, 0.08
HSL	210°, 83%, 50%
HSV	210°, 90%, 92%
XYZ	22.9238, 21.5610, 80.7954
YIQ	108.6890, -96.6060, 10.7060

Conversions

Conversions Part 2

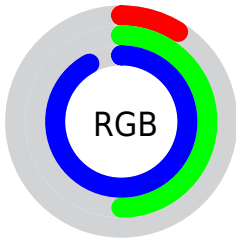
Format	Color
R_{YB}	23, 93, 234
Decimal	1540330
CIE _{Lab}	53.56, 11.41, -61.14
CIE _{LCh}	54, 62.195, 280.575
Yxy	21.5610, 0.1830, 0.1721
Android (android.graphics.Color)	4279730410 (0xFF1780EA)
YUV	108.6890, 61.7783, -75.1493
Hunter-Lab	46.4338, 6.8640, -70.6615

Details

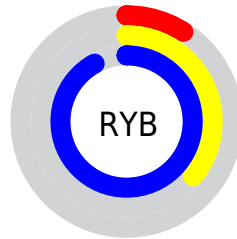
The Hex color **1780EA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EA8117**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6FB4FF**, and **0050B1** is the 20% darker color. If you saturate the color by 10%, you get **0074EA**, and if you desaturate by 10%, it is **2E8CEA**.

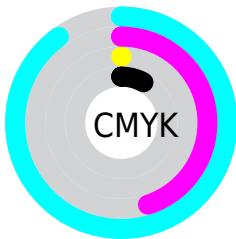
Distribution



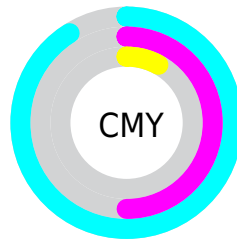
- Red (9%)
- Green (50%)
- Blue (92%)



- Red (9%)
- Yellow (36%)
- Blue (92%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (91%)
- Magenta (50%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1780EA 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 1780EA by changing the saturation by 10% instead.

■ 1780EA

■ 1780EA

FFFFFF

■ 0067CD

■ 6FB4FF

■ 0050B1

■ 90CFFF

■ 003A96

■ B0ECFF

■ 00267C

■ CFFFFFF

■ 001262

■ EFFFFFF

■ 000949

■ 000432

■ 00011C

■ 000000

■ 1780EA

■ 1780EA

■ 0074EA

■ 2E8CEA

■ 4698EA

■ 5DA3EA

■ 75AFEA

■ 8CBBEA

■ A3C7EA

■ BBD2EA

■ D2DEEA

■ EAEAEA

Harmonies

Analogous

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



008FE5



1780EA



9A69D2

Triad

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



1780EA



D5593D



00965A

Complementary

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



1780EA



EA8117

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.



4C9025



1780EA



B5700A

Square

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



1780EA



DF486F



888400



009992

Rectangle

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



1780EA



C158B6



888400



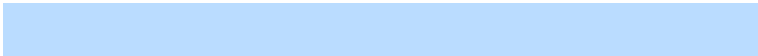
009548

Sweetspot

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



1780EA



BADCFF



17EA81



576B80



000000



808080

Same Dimension

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



1780EA



007FFF



1717EA



6A6F75



005AB5



001B36

Inverse Universe

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



EA1780



FF007F



EAEA17



756A6F



B5005A



36001B

Previews

White Background



This preview shows how the Hex color 1780EA looks on a white background.

Color Contrast Check

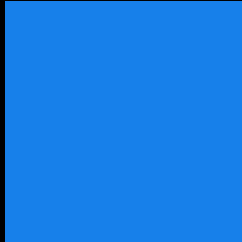
Large Text (above 18pt) WCAG AA ✓ Pass

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 1780EA 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

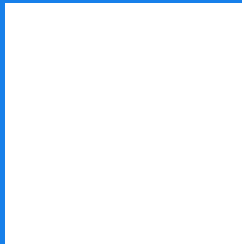
Any Text WCAG AAA × Fail

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

Hex 1780EA Background



This preview shows how black text looks on a background with the Hex color 1780EA.



This preview shows how white text looks on a background with the Hex color 1780EA.

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](#).

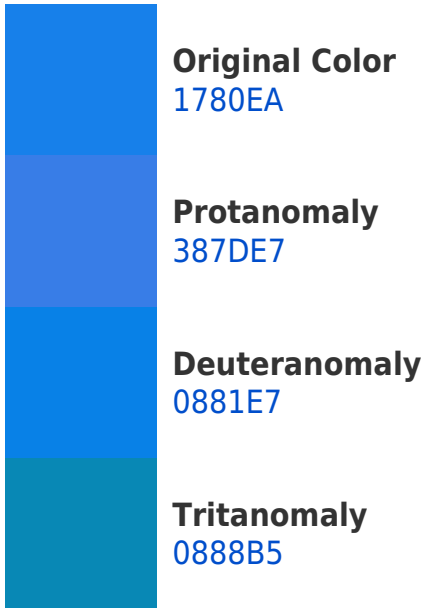
Dichromacy



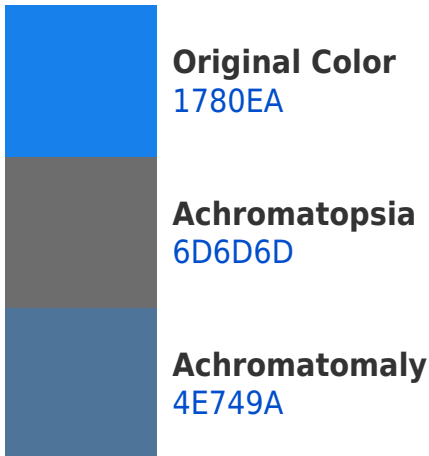


Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1780EA 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 #1780EA looks like.

```
.text, #text, p{  
    color:#1780EA  
}
```

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 #1780EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1780EA
}
```

Border

The CSS property to change the border of an element to Hex 1780EA 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
#1780EA }
```

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

```
.border{ border-color:#1780EA }
```

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

Here you see how a box with a 4 pixel #1780EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1780EA; -webkit-box-shadow:4px 4px  
4px 4px #1780EA; box-shadow:4px 4px 4px  
4px #1780EA }
```

Background

The CSS property to change the background color of an element to Hex 1780EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1780EA }
```

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

```
.background{ background-color:#1780EA }
```

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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