

Converting Colors

Hex(1978E6)

Have a look what the booklet for
Hex(1978E6) contains.

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Color

Hex(1978E6)

Conversions

Conversions Part 1

Format	Color
Hex	1978E6
RGB	25, 120, 230
RGB Percent	10%, 47%, 90%
CMY	0.9020, 0.5294, 0.0980
CMYK	0.89, 0.48, 0.00, 0.10
HSL	212°, 80%, 50%
HSV	212°, 89%, 90%
XYZ	21.4003, 19.3528, 77.4705
YIQ	104.1350, -91.9300, 14.0700

Conversions

Conversions Part 2

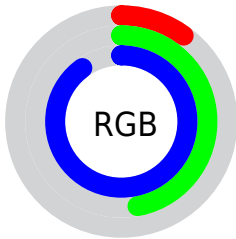
Format	Color
R _Y B	25, 90, 230
Decimal	1669350
CIE Lab	51.10, 14.97, -62.86
CIE LCh	51, 64.620, 283.392
Yxy	19.3528, 0.1810, 0.1637
Android (android.graphics.Color)	4279859430 (0xFF1978E6)
YUV	104.1350, 62.0514, -69.4014
Hunter-Lab	43.9918, 9.8477, -73.6166

Details

The Hex color **1978E6** 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 **E68719**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6FACFF**, and **0049AE** is the 20% darker color. If you saturate the color by 10%, you get **026CE6**, and if you desaturate by 10%, it is **3084E6**.

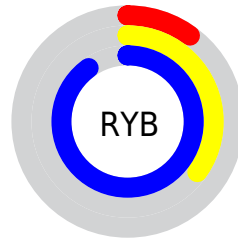
Distribution



Red (10%)

Green (47%)

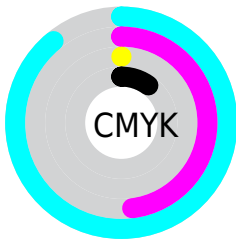
Blue (90%)



Red (10%)

Yellow (35%)

Blue (90%)

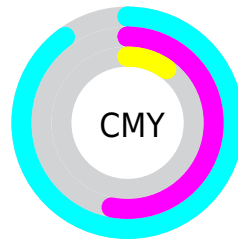


Cyan (89%)

Magenta (48%)

Yellow (0%)

Black (10%)



Cyan (90%)

Magenta (53%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1978E6 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 1978E6 by changing the saturation by 10% instead.

 1978E6

 1978E6

FFFFFF

 0060C9

 6FACFF

 0049AE

 90C7FF

 003392

 AFE2FF

 002078

 CEFFFF

 00075F

 EDFFFF

 000846

 00042E

 000119

 000000

■ 1978E6

■ 1978E6

■ 026CE6

■ 3084E6

■ 006BE6

■ 4791E6

■ 5E9DE6

■ 75A9E6

■ 8CB6E6

■ A3C2E6

■ BACEE6

■ D1DBE6

■ E8E7E6

Harmonies

Analogous

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



0089E4



1978E6



9A5FCB

Triad

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



1978E6



CE522F



009158

Complementary

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



1978E6



E68719

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.



3A8B1F



1978E6



AB6C00

Square

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



1978E6



DB3D63



7C7F00



009392

Rectangle

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



1978E6



C04CAC



7C7F00



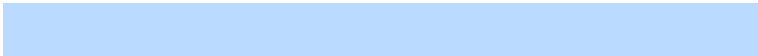
008F45

Sweetspot

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



1978E6



BADAFF



19E686



576A80



000000



808080

Same Dimension

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



1978E6



0076FF



2019E6



676D73



0053B3



001833

Inverse Universe

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



E61978



FF0076



DFE619



73676D



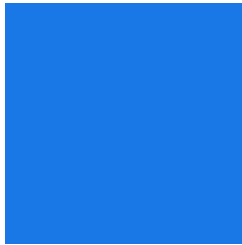
B30053



330018

Previews

White Background



This preview shows how the Hex color 1978E6 looks on a white background.

Color Contrast Check

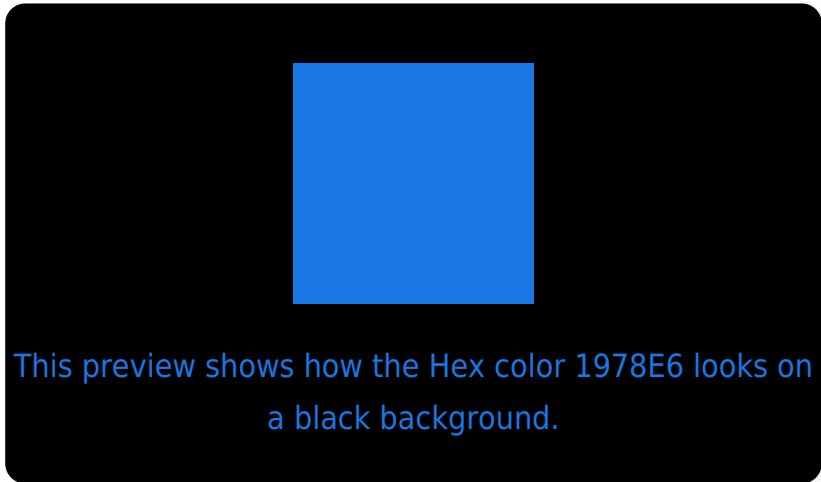
Large Text (above 18pt) WCAG AA ✓ Pass

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

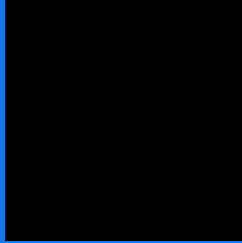
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

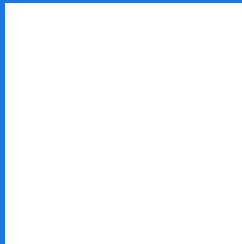
Any Text WCAG AAA × Fail

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

Hex 1978E6 Background



This preview shows how black text looks on a background with the Hex color 1978E6.



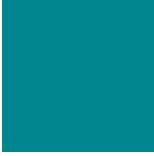
This preview shows how white text looks on a background with the Hex color 1978E6.

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
00868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1978E6 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 #1978E6 looks like.

```
.text, #text, p{  
    color:#1978E6  
}
```

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 #1978E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1978E6
}
```

Border

The CSS property to change the border of an element to Hex 1978E6 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
#1978E6 }
```

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

```
.border{ border-color:#1978E6 }
```

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

Here you see how a box with a 4 pixel #1978E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1978E6; -webkit-box-shadow:4px 4px  
4px 4px #1978E6; box-shadow:4px 4px 4px  
4px #1978E6 }
```

Background

The CSS property to change the background color of an element to Hex 1978E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1978E6 }
```

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

```
.background{ background-color:#1978E6 }
```

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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