

Converting Colors

Hex(1980FF)

Have a look what the booklet for
Hex(1980FF) contains.

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Color

Hex(1980FF)

Conversions

Conversions Part 1

Format	Color
Hex	1980FF
RGB	25, 128, 255
RGB Percent	10%, 50%, 100%
CMY	0.9020, 0.4980, 0.0000
CMYK	0.90, 0.50, 0.00, 0.00
HSL	213°, 100%, 55%
HSV	213°, 90%, 100%
XYZ	26.1701, 22.8650, 97.6418
YIQ	111.6810, -102.1550, 17.6610

Conversions

Conversions Part 2

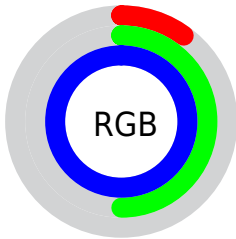
Format	Color
R _Y B	25, 96, 255
Decimal	1671423
CIE Lab	54.93, 19.54, -70.57
CIE LCh	55, 73.222, 285.474
Yxy	22.8650, 0.1784, 0.1559
Android (android.graphics.Color)	4279861503 (0xFF1980FF)
YUV	111.6810, 70.6563, -76.0192
Hunter-Lab	47.8174, 14.0112, -87.5964

Details

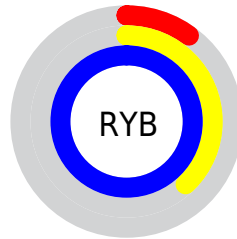
The Hex color **1980FF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **FF9819**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **75B4FF**, and **0050C5** is the 20% darker color. If you saturate the color by 10%, you get **0072FF**, and if you desaturate by 10%, it is **328EFF**.

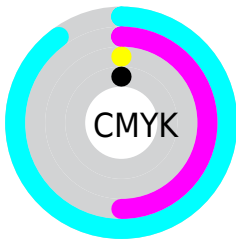
Distribution



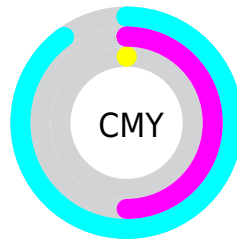
- Red (10%)
- Green (50%)
- Blue (100%)



- Red (10%)
- Yellow (38%)
- Blue (100%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1980FF 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 1980FF by changing the saturation by 10% instead.

 1980FF

 1980FF

FFFFFF

 0067E2

 75B4FF

 0050C5

 97CFFF

 003AA9

 B7EBFF

 00278E

 D7FFFF

 001574

 F7FFFF

 000D5A

 000742

 00032B

 000115

 1980FF

 1980FF

 0072FF

 328EFF

 4C9CFF

 65AAFF

 7FB8FF

 98C6FF

 B2D4FF

 CBE3FF

 E5F1FF

FEFFFF

Harmonies

Analogous

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



0094FF



1980FF



AE61DD

Triad

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



1980FF



E05729



009E61

Complementary

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



1980FF



FF9819

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.



2D971C



1980FF



B87500

Square

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



1980FF



F23A66



808B00



00A0A4

Rectangle

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



1980FF



D74AB9



808B00



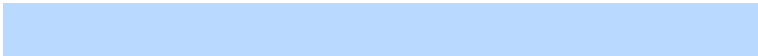
009C4B

Sweetspot

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



1980FF



BAD9FF



19FF97



576980



000000



808080

Same Dimension

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



1980FF



0072FF



2519FF



737880



0056BF



001D40

Inverse Universe

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



FF1980



FF0072



F4FF19



807378



BF0056



40001D

Previews

White Background



This preview shows how the Hex color 1980FF looks on a white background.

Color Contrast Check

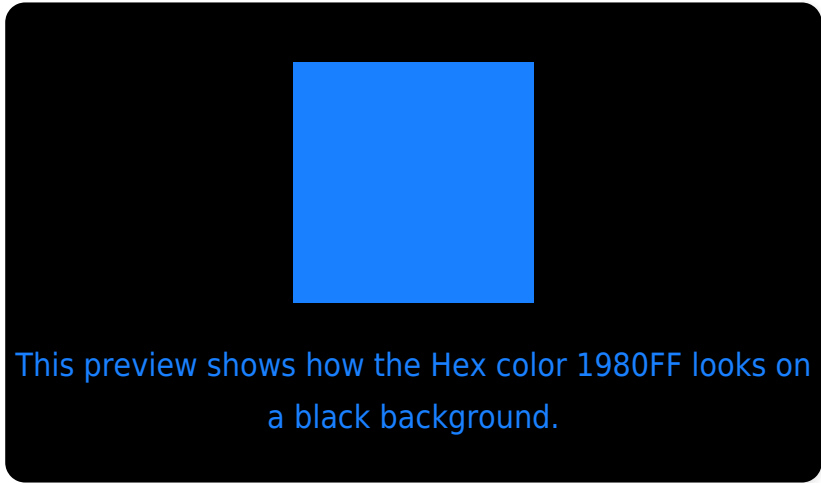
Large Text (above 18pt) WCAG AA ✓ Pass

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

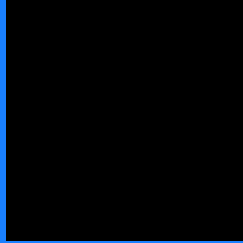
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

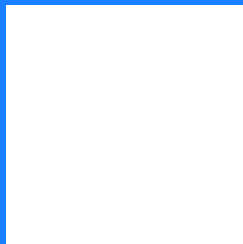
Any Text WCAG AAA × Fail

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

Hex 1980FF Background



This preview shows how black text looks on a background with the Hex color 1980FF.

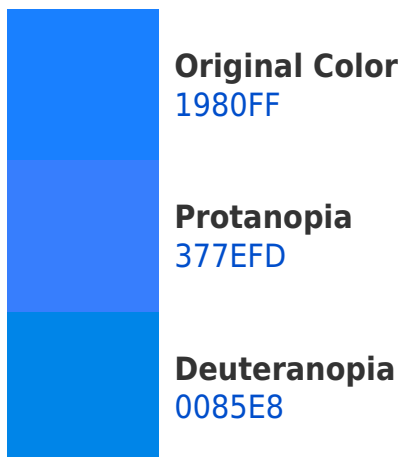


This preview shows how white text looks on a background with the Hex color 1980FF.

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](#).

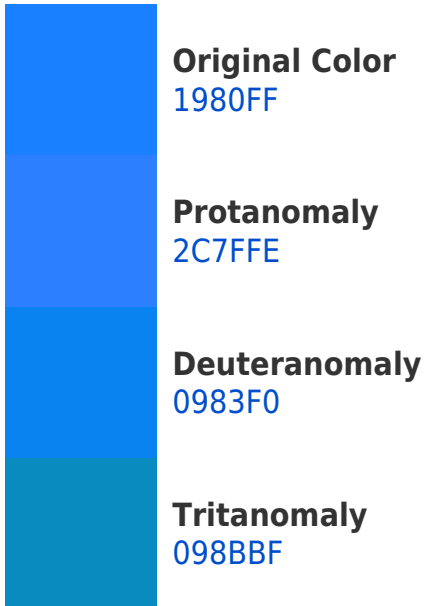
Dichromacy



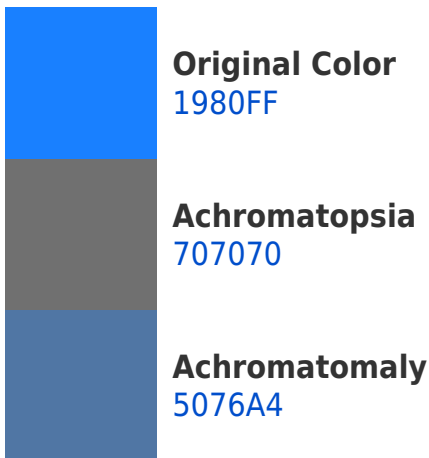


Tritanopia
00919A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1980FF 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 #1980FF looks like.

```
.text, #text, p{  
  color:#1980FF  
}
```

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 #1980FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1980FF
}
```

Border

The CSS property to change the border of an element to Hex 1980FF 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
#1980FF }
```

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

```
.border{ border-color:#1980FF }
```

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

Here you see how a box with a 4 pixel #1980FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1980FF; -webkit-box-shadow:4px 4px  
4px 4px #1980FF; box-shadow:4px 4px 4px  
4px #1980FF }
```

Background

The CSS property to change the background color of an element to Hex 1980FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1980FF }
```

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

```
.background{ background-color:#1980FF }
```

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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