

Converting Colors

Hex(1F67E0)

Have a look what the booklet for
Hex(1F67E0) contains.

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Color

Hex(1F67E0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1F67E0 |
| RGB | 31, 103, 224 |
| RGB Percent | 12%, 40%, 88% |
| CMY | 0.8784, 0.5961, 0.1216 |
| CMYK | 0.86, 0.54, 0.00, 0.12 |
| HSL | 218°, 76%, 50% |
| HSV | 218°, 86%, 88% |
| XYZ | 18.8699, 15.3736, 72.4939 |
| YIQ | 95.2660, -81.7530, 22.3670 |

Conversions

Conversions Part 2

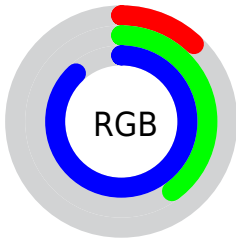
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 31, 83, 224 |
| Decimal | 2058208 |
| CIE Lab | 46.14, 23.83, -67.50 |
| CIE LCh | 46, 71.583, 289.447 |
| Yxy | 15.3736, 0.1768, 0.1440 |
| Android (android.graphics.Color) | 4280248288 (0xFF1F67E0) |
| YUV | 95.2660, 63.4659, -56.3613 |
| Hunter-Lab | 39.2092, 17.2890, -82.1748 |

Details

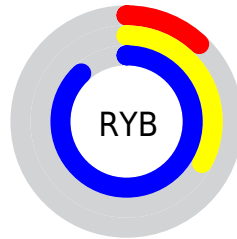
The Hex color **1F67E0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E0981F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7099FF**, and **0039A8** is the 20% darker color. If you saturate the color by 10%, you get **0959E0**, and if you desaturate by 10%, it is **3575E0**.

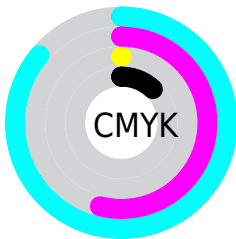
Distribution



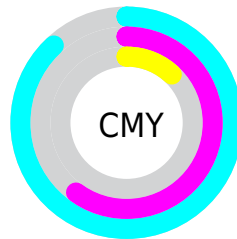
- Red (12%)
- Green (40%)
- Blue (88%)



- Red (12%)
- Yellow (33%)
- Blue (88%)



- Cyan (86%)
- Magenta (54%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (60%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F67E0 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 1F67E0 by changing the saturation by 10% instead.

■ 1F67E0

■ 1F67E0

FFFFFF

■ 0050C4

■ 7099FF

■ 0039A8

■ 91B4FF

■ 00258D

■ B0CFFF

■ 001472

■ CFEBFF

■ 000759

■ EEEFFF

■ 000740

■ 000329

■ 000113

■ 000000

■ 1F67E0

■ 1F67E0

■ 0959E0

■ 3575E0

■ 0054E0

■ 4C83E0

■ 6291E0

■ 799FE0

■ 8FADE0

■ A5BBE0

■ BCC9E0

■ D2D7E0

■ E9E5E0

Harmonies

Analogous

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



007BE5



1F67E0



9E47BC

Triad

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



1F67E0



BF450A



008555

Complementary

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



1F67E0



E0981F

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.



00810F



1F67E0



966300

Square

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



1F67E0



D31F4A



607600



008794

Rectangle

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



1F67E0



C12C99



607600



008440

Sweetspot

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



1F67E0



BDD5FF



1FE096



586780



000000



808080

Same Dimension

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



1F67E0



005FFF



361FE0



656970



0042B0



001230

Inverse Universe

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



E01F67



FF005F



C9E01F



706569



B00042



300012

Previews

White Background



This preview shows how the Hex color 1F67E0 looks on a white background.

Color Contrast Check

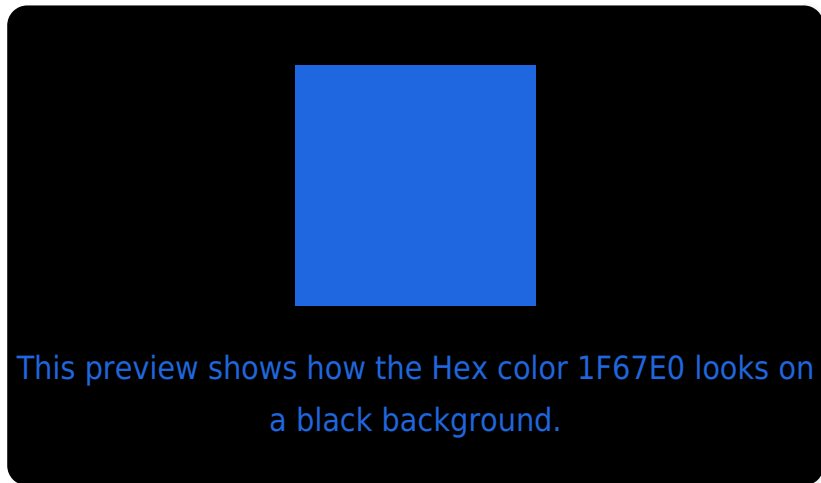
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

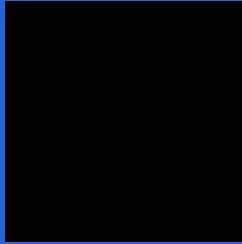
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1F67E0 Background



This preview shows how black text looks on a background with the Hex color 1F67E0.



This preview shows how white text looks on a background with the Hex color 1F67E0.

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
007980

Trichromacy



Original Color
1F67E0

Protanomaly
0B68DF

Deuteranomaly
0B6CCC

Tritanomaly
0B72A3

Monochromacy



Original Color
1F67E0

Achromatopsia
5F5F5F

Achromatomaly
48628E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F67E0 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 #1F67E0 looks like.

```
.text, #text, p{  
    color:#1F67E0  
}
```

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 #1F67E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F67E0
}
```

Border

The CSS property to change the border of an element to Hex 1F67E0 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
#1F67E0 }
```

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

```
.border{ border-color:#1F67E0 }
```

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

Here you see how a box with a 4 pixel #1F67E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F67E0; -webkit-box-shadow:4px 4px  
4px 4px #1F67E0; box-shadow:4px 4px 4px  
4px #1F67E0 }
```

Background

The CSS property to change the background color of an element to Hex 1F67E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F67E0 }
```

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

```
.background{ background-color:#1F67E0 }
```

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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