

Converting Colors

Hex(1F70CE)

Have a look what the booklet for
Hex(1F70CE) contains.

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Color

Hex(1F70CE)

Conversions

Conversions Part 1

Format	Color
Hex	1F70CE
RGB	31, 112, 206
RGB Percent	12%, 44%, 81%
CMY	0.8784, 0.5608, 0.1922
CMYK	0.85, 0.46, 0.00, 0.19
HSL	212°, 74%, 46%
HSV	212°, 85%, 81%
XYZ	17.4998, 16.3359, 60.6233
YIQ	98.4970, -78.4500, 12.0620

Conversions

Conversions Part 2

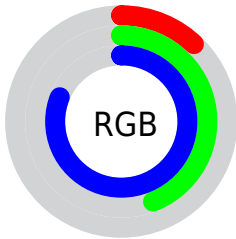
Format	Color
R_{YB}	31, 86, 206
Decimal	2060494
CIE _{Lab}	47.41, 11.12, -55.20
CIE _{LCh}	47, 56.312, 281.388
Yxy	16.3359, 0.1853, 0.1729
Android (android.graphics.Color)	4280250574 (0xFF1F70CE)
YUV	98.4970, 52.9990, -59.1949
Hunter-Lab	40.4177, 6.5550, -60.6380

Details

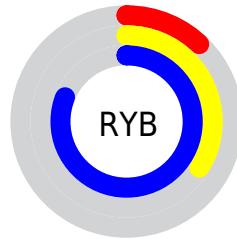
The Hex color **1F70CE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CE7D1F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6BA3FF**, and **004197** is the 20% darker color. If you saturate the color by 10%, you get **0A65CE**, and if you desaturate by 10%, it is **347BCE**.

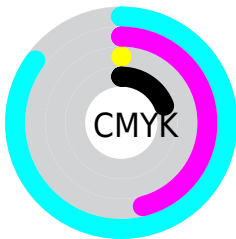
Distribution



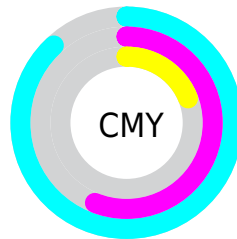
- Red (12%)
- Green (44%)
- Blue (81%)



- Red (12%)
- Yellow (34%)
- Blue (81%)



- Cyan (85%)
- Magenta (46%)
- Yellow (0%)
- Black (19%)



- Cyan (88%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F70CE 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 1F70CE by changing the saturation by 10% instead.

 1F70CE

 1F70CE

FFFFFF

 0058B2

 6BA3FF

 004197

 8BBEFF

 002C7C

 A9DAFF

 001963

 C7F6FF

 00094A

 E6FFFF

 000433

 00021D

 000000

 1F70CE

 1F70CE

■ 0A65CE

■ 347BCE

■ 005FCE

■ 4886CE

■ 5D91CE

■ 719CCE

■ 86A7CE

■ 9BB2CE

■ AFBDCCE

■ C4C9CE

■ D8D4CE

Harmonies

Analogous

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



007ECA



1F70CE



895BB8

Triad

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



1F70CE



BB4E34



008450

Complementary

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



1F70CE



CE7D1F

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.



417F22



1F70CE



9F6308

Square

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



1F70CE



C54060



767400



008682

Rectangle

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



1F70CE



AB4C9F



767400



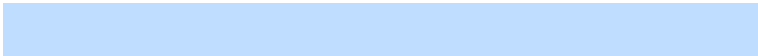
008340

Sweetspot

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



1F70CE



BFDDFF



1FCE7C



596B80



000000



808080

Same Dimension

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



1F70CE



0076FF



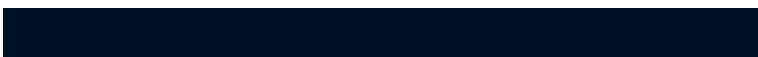
251FCE



5C6166



004DA6



001226

Inverse Universe

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



CE1F70



FF0076



C8CE1F



665C61



A6004D



260012

Previews

White Background



This preview shows how the Hex color 1F70CE looks on a white background.

Color Contrast Check

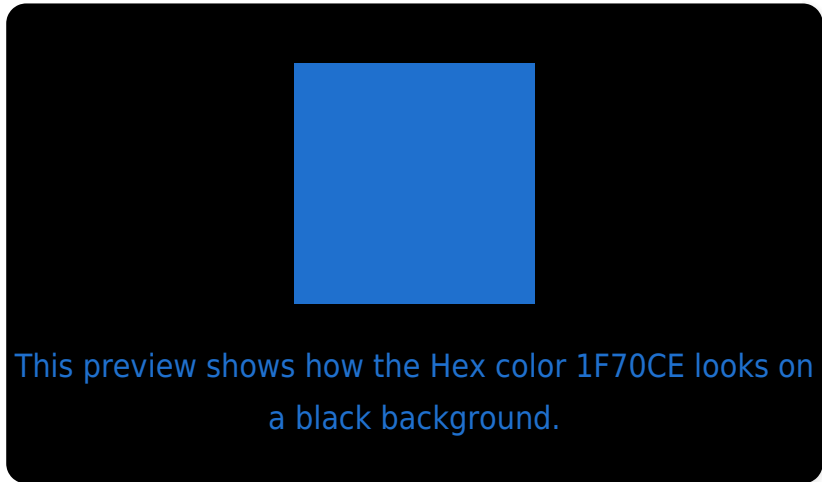
Large Text (above 18pt) WCAG AA ✓ Pass

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

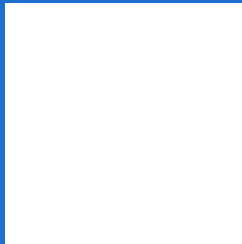
Any Text WCAG AAA × Fail

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

Hex 1F70CE Background



This preview shows how black text looks on a background with the Hex color 1F70CE.

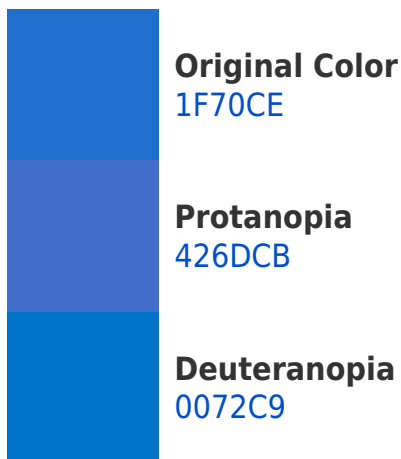


This preview shows how white text looks on a background with the Hex color 1F70CE.

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](#).

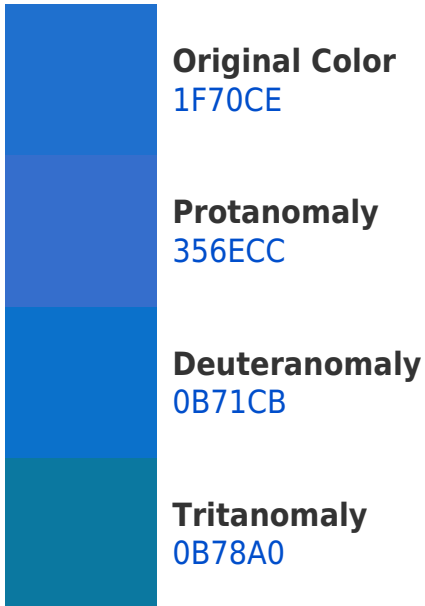
Dichromacy



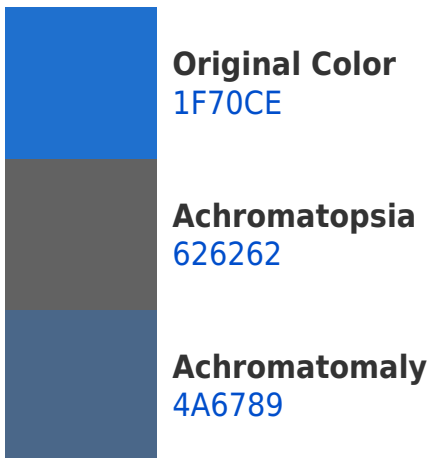


Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F70CE 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 #1F70CE looks like.

```
.text, #text, p{  
    color:#1F70CE  
}
```

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 #1F70CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F70CE
}
```

Border

The CSS property to change the border of an element to Hex 1F70CE 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
#1F70CE }
```

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

```
.border{ border-color:#1F70CE }
```

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

Here you see how a box with a 4 pixel #1F70CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F70CE; -webkit-box-shadow:4px 4px  
4px 4px #1F70CE; box-shadow:4px 4px 4px  
4px #1F70CE }
```

Background

The CSS property to change the background color of an element to Hex 1F70CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F70CE }
```

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

```
.background{ background-color:#1F70CE }
```

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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