

Converting Colors

Hex(1F27C5)

Have a look what the booklet for
Hex(1F27C5) contains.

Hex(1F27C5)	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(1F27C5)

Conversions

Conversions Part 1

Format	Color
Hex	1F27C5
RGB	31, 39, 197
RGB Percent	12%, 15%, 77%
CMY	0.8784, 0.8471, 0.2275
CMYK	0.84, 0.80, 0.00, 0.23
HSL	237°, 73%, 45%
HSV	237°, 84%, 77%
XYZ	11.3686, 5.7736, 53.3385
YIQ	54.6200, -55.4860, 47.4420

Conversions

Conversions Part 2

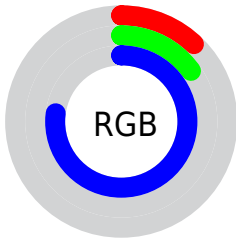
Format	Color
R_{YB}	31, 39, 197
Decimal	2041797
CIE _{Lab}	28.83, 53.10, -80.36
CIE _{LCh}	29, 96.323, 303.458
Yxy	5.7736, 0.1613, 0.0819
Android (android.graphics.Color)	4280231877 (0xFF1F27C5)
YUV	54.6200, 70.1933, -20.7147
Hunter-Lab	24.0282, 42.4055, -114.7938

Details

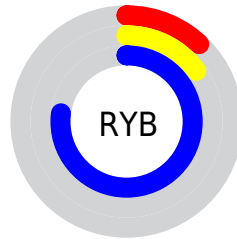
The Hex color **1F27C5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **C5BD1F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6E58FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **0B14C5**, and if you desaturate by 10%, it is **333AC5**.

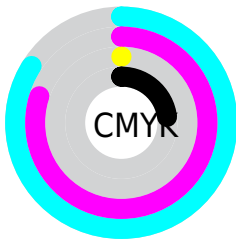
Distribution



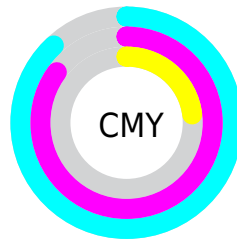
- Red (12%)
- Green (15%)
- Blue (77%)



- Red (12%)
- Yellow (15%)
- Blue (77%)



- Cyan (84%)
- Magenta (80%)
- Yellow (0%)
- Black (23%)



- Cyan (88%)
- Magenta (85%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F27C5 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 1F27C5 by changing the saturation by 10% instead.

■ 1F27C5

■ 1F27C5

FFFFFF

■ 000EA9

■ 6E58FF

■ 00008E

■ 8E71FF

■ 000073

■ AD8BFF

■ 000959

■ CCA6FF

■ 000741

■ EBC2FF

■ 00032A

■ FFDEFF

■ 000114

■ FFFBFF

■ 000000

■ 1F27C5

■ 1F27C5

0B14C5

333AC5

0009C5

464DC5

5A5FC5

6E72C5

8285C5

9598C5

A9AAC5

BDBDC5

D0D0C5

Harmonies

Analogous

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



0050E0



1F27C5



9C0089

Triad

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



1F27C5



851B00



005B4B

Complementary

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



1F27C5



C5BD1F

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.



005900



1F27C5



4D4500

Square

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



1F27C5



AD0000



005400



005D97

Rectangle

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



1F27C5



B40058



005400



005A31

Sweetspot

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



1F27C5



BFC2FF



1FC5BD



595B80



000000



808080

Same Dimension

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



1F27C5



000CFF



6A1FC5



5A5A63



0008A3



000224

Inverse Universe

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



C51F27



FF000C



7AC51F



635A5A



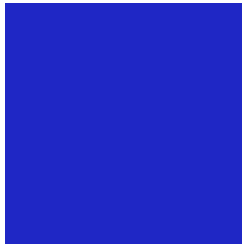
A30008



240002

Previews

White Background



This preview shows how the Hex color 1F27C5 looks on a white background.

Color Contrast Check

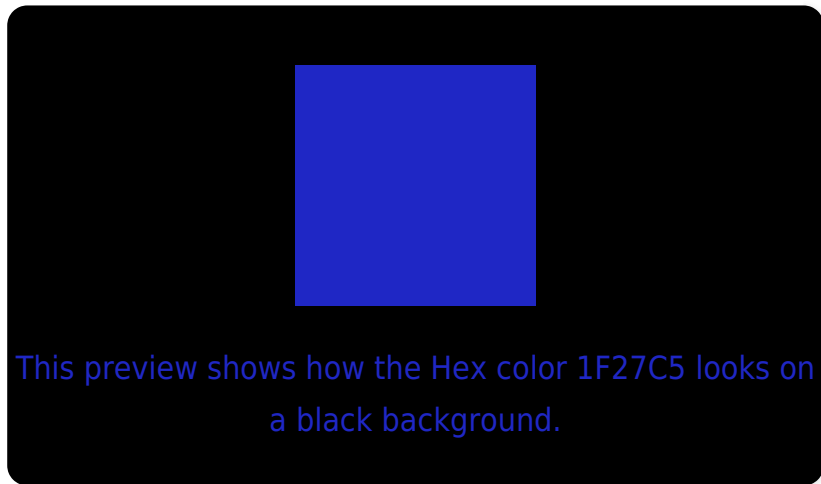
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

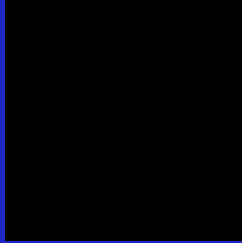
Any Text WCAG AA × Fail

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 1F27C5 Background



This preview shows how black text looks on a background with the Hex color 1F27C5.



This preview shows how white text looks on a background with the Hex color 1F27C5.

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



Original Color
1F27C5

Protanopia
00428A

Deuteranopia
004675



Tritanopia
004B4F

Trichromacy



Original Color
1F27C5

Protanomaly
0B389F

Deuteranomaly
0B3B92

Tritanomaly
0B3E7A

Monochromacy



Original Color
1F27C5

Achromatopsia
373737

Achromatomaly
2E316B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F27C5 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 #1F27C5 looks like.

```
.text, #text, p{  
    color:#1F27C5  
}
```

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 #1F27C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F27C5
}
```

Border

The CSS property to change the border of an element to Hex 1F27C5 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
#1F27C5 }
```

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

```
.border{ border-color:#1F27C5 }
```

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

Here you see how a box with a 4 pixel #1F27C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F27C5; -webkit-box-shadow:4px 4px  
4px 4px #1F27C5; box-shadow:4px 4px 4px  
4px #1F27C5 }
```

Background

The CSS property to change the background color of an element to Hex 1F27C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F27C5 }
```

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

```
.background{ background-color:#1F27C5 }
```

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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