

Converting Colors

Hex(1F05BA)

Have a look what the booklet for
Hex(1F05BA) contains.

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Color

Hex(1F05BA)

Conversions

Conversions Part 1

Format	Color
Hex	1F05BA
RGB	31, 5, 186
RGB Percent	12%, 2%, 73%
CMY	0.8784, 0.9804, 0.2706
CMYK	0.83, 0.97, 0.00, 0.27
HSL	249°, 95%, 37%
HSV	249°, 97%, 73%
XYZ	9.4823, 3.9450, 46.7161
YIQ	33.4080, -42.6050, 61.8030

Conversions

Conversions Part 2

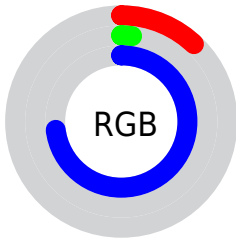
Format	Color
RYB	31, 5, 186
Decimal	2033082
CIELab	23.49, 61.69, -82.76
CIELCh	23, 103.221, 306.699
Yxy	3.9450, 0.1577, 0.0656
Android (android.graphics.Color)	4280223162 (0xFF1F05BA)
YUV	33.4080, 75.2279, -2.1118
Hunter-Lab	19.8621, 50.4583, -125.5481

Details

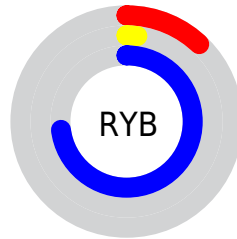
The Hex color **1F05BA** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **A0BA05**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6D40F4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **1B00BA**, and if you desaturate by 10%, it is **2F18BA**.

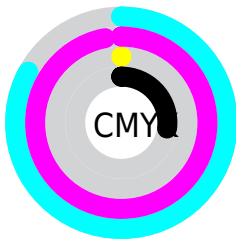
Distribution



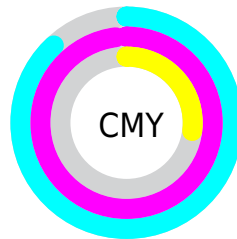
- Red (12%)
- Green (2%)
- Blue (73%)



- Red (12%)
- Yellow (2%)
- Blue (73%)



- Cyan (83%)
- Magenta (97%)
- Yellow (0%)
- Black (27%)



- Cyan (88%)
- Magenta (98%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F05BA 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 1F05BA by changing the saturation by 10% instead.

■ 1F05BA

■ 1F05BA

FFFFFF

■ 00009E

■ 6D40F4

■ 000083

■ 8D5AFF

■ 000069

■ AC75FF

■ 000A4F

■ CB8FFF

■ 000537

■ EAABFF

■ 000221

■ FFC7FF

■ 000006

■ FFE4FF

■ 000000

■ 1F05BA

■ 1F05BA

■ 1B00BA

■ 2F18BA

■ 3F2ABA

■ 4F3DBA

■ 5F4FBA

■ 6F62BA

■ 7F75BA

■ 8E87BA

■ 9E9ABA

■ AEACBA

Harmonies

Analogous

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



0044DB



1F05BA



970077

Triad

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



1F05BA



730F00



004E49

Complementary

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



1F05BA



A0BA05

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.



004C00



1F05BA



363C00

Square

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



1F05BA



9D0000



004800



005196

Rectangle

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



1F05BA



AC0045



004800



004E2D

Sweetspot

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



1F05BA



B6ACF2



05A2BA



56507A



FAFAFA



7A7A7A

Same Dimension

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



1F05BA



2300F2



7805BA



54535C



16009C



04001C

Inverse Universe

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



BA05A0



F200CF



47BA05



5C535A



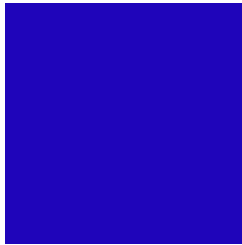
9C0085



1C0018

Previews

White Background



This preview shows how the Hex color 1F05BA looks on a white background.

Color Contrast Check

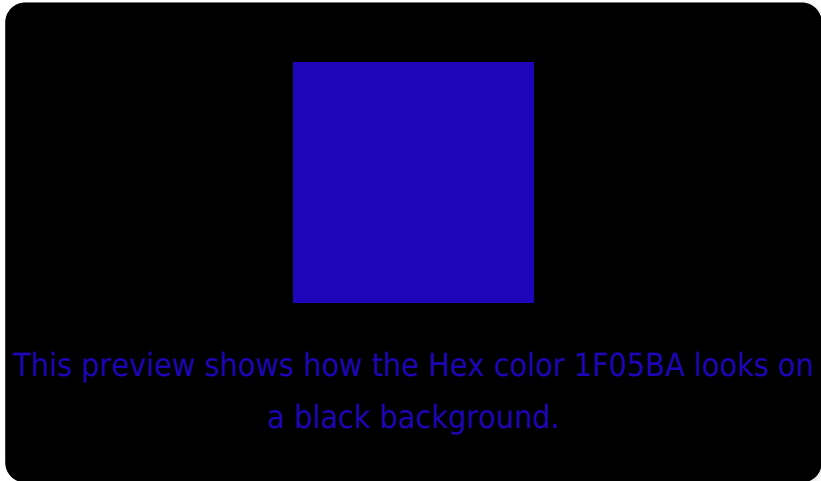
Large Text (above 18pt) WCAG AA ✓ Pass

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

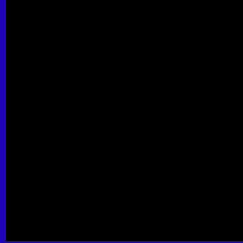
Any Text WCAG AA × Fail

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 1F05BA Background



This preview shows how black text looks on a background with the Hex color 1F05BA.



This preview shows how white text looks on a background with the Hex color 1F05BA.

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
1F05BA

Protanopia
003875

Deuteranopia
003C63

Trichromacy



Original Color
1F05BA

Protanomaly
0B258E

Deuteranomaly
0B2883

Tritanomaly
0B2B6E

Monochromacy



Original Color
1F05BA

Achromatopsia
212121

Achromatomaly
201759

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F05BA 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 #1F05BA looks like.

```
.text, #text, p{  
    color:#1F05BA  
}
```

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 #1F05BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F05BA
}
```

Border

The CSS property to change the border of an element to Hex 1F05BA 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
#1F05BA }
```

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

```
.border{ border-color:#1F05BA }
```

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

Here you see how a box with a 4 pixel #1F05BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F05BA; -webkit-box-shadow:4px 4px  
4px 4px #1F05BA; box-shadow:4px 4px 4px  
4px #1F05BA }
```

Background

The CSS property to change the background color of an element to Hex 1F05BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F05BA }
```

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

```
.background{ background-color:#1F05BA }
```

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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