

Converting Colors

Hex(1946FA)

Have a look what the booklet for
Hex(1946FA) contains.

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Color

Hex(1946FA)

Conversions

Conversions Part 1

Format	Color
Hex	1946FA
RGB	25, 70, 250
RGB Percent	10%, 27%, 98%
CMY	0.9020, 0.7255, 0.0196
CMYK	0.90, 0.72, 0.00, 0.02
HSL	228°, 96%, 54%
HSV	228°, 90%, 98%
XYZ	19.8464, 11.4891, 91.6141
YIQ	77.0650, -84.6000, 46.4400

Conversions

Conversions Part 2

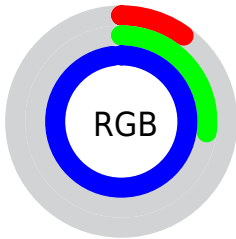
Format	Color
R_{YB}	25, 63, 250
Decimal	1656570
CIE _{Lab}	40.39, 53.56, -91.58
CIE _{LCh}	40, 106.097, 300.320
Yxy	11.4891, 0.1614, 0.0934
Android (android.graphics.Color)	4279846650 (0xFF1946FA)
YUV	77.0650, 85.2570, -45.6610
Hunter-Lab	33.8956, 45.1971, -136.5239

Details

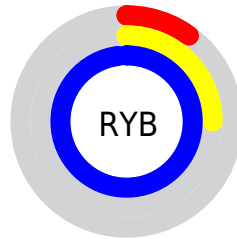
The Hex color **1946FA** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FACD19**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7877FF**, and **001AC0** is the 20% darker color. If you saturate the color by 10%, you get **0032FA**, and if you desaturate by 10%, it is **325AFA**.

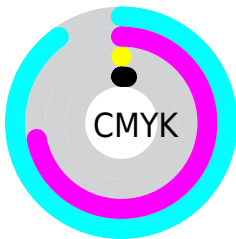
Distribution



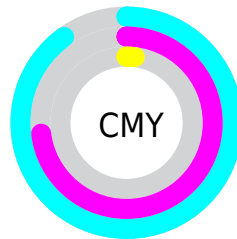
- Red (10%)
- Green (27%)
- Blue (98%)



- Red (10%)
- Yellow (25%)
- Blue (98%)



- Cyan (90%)
- Magenta (72%)
- Yellow (0%)
- Black (2%)



- Cyan (90%)
- Magenta (73%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1946FA 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 1946FA by changing the saturation by 10% instead.

 1946FA

 1946FA

FFFFFF

 002FDD

 7877FF

 001AC0

 9A91FF

 0007A4

 BBACFF

 000089

 DCC8FF

 000B6E

 FCE4FF

 000C54

 00063C

 000226

 00010E

■ 1946FA

■ 1946FA

■ 0032FA

■ 325AFA

■ 4B6EFA

■ 6482FA

■ 7D96FA

■ 96AAFA

■ AFBEFA

■ C8D2FA

■ E1E6FA

■ FAFAFA

Harmonies

Analogous

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



006EFF



1946FA



BF00B7

Triad

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



1946FA



B52C00



007C5E

Complementary

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



1946FA



FACD19

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.



007900



1946FA



745D00

Square

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



1946FA



DF000E



007100



007EB7

Rectangle

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



1946FA



E1007F



007100



007B3F

Sweetspot

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



1946FA



BAC8FF



19FACD



575F80



000000



808080

Same Dimension

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



1946FA



0033FF



5C19FA



70737D



0026BD



000C3D

Inverse Universe

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



FA1946



FF0033



B6FA19



7D7073



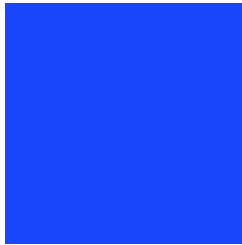
BD0026



3D000C

Previews

White Background



This preview shows how the Hex color 1946FA looks on a white background.

Color Contrast Check

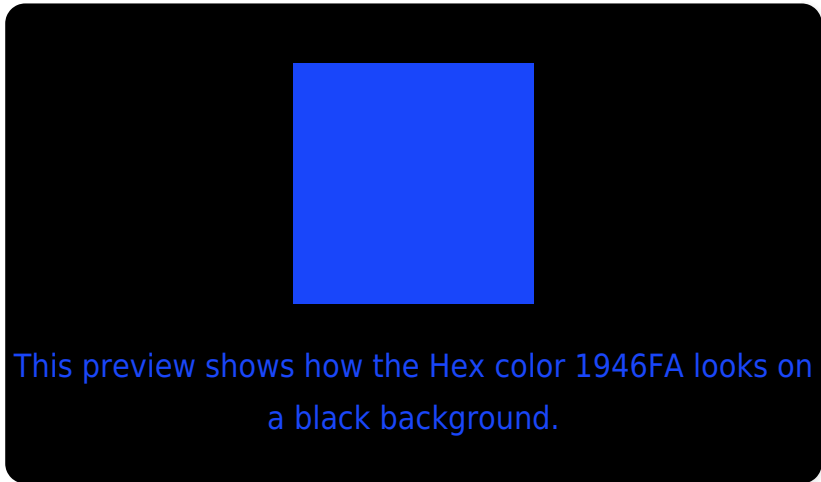
Large Text (above 18pt) WCAG AA ✓ Pass

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

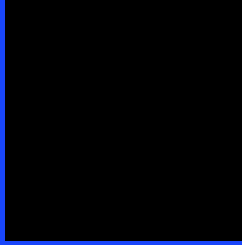
Any Text WCAG AA × Fail

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 1946FA Background



This preview shows how black text looks on a background with the Hex color 1946FA.

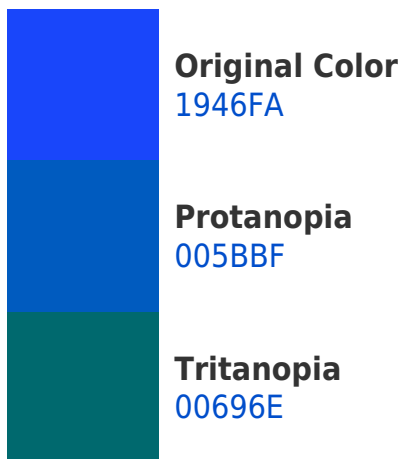


This preview shows how white text looks on a background with the Hex color 1946FA.

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



Trichromacy



Original Color
1946FA

Protanomaly
0953D4

Tritanomaly
095CA1

Monochromacy



Original Color
1946FA

Achromatopsia
4D4D4D

Achromatomaly
3A4A8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1946FA 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 #1946FA looks like.

```
.text, #text, p{  
    color:#1946FA  
}
```

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 #1946FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1946FA
}
```

Border

The CSS property to change the border of an element to Hex 1946FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

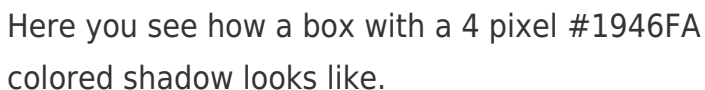
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1946FA }
```

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

```
.border{ border-color:#1946FA }
```

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



Here you see how a box with a 4 pixel #1946FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1946FA; -webkit-box-shadow:4px 4px  
4px 4px #1946FA; box-shadow:4px 4px 4px  
4px #1946FA }
```

Background

The CSS property to change the background color of an element to Hex 1946FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1946FA }
```

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

```
.background{ background-color:#1946FA }
```

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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