

Converting Colors

Hex(1946FF)

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

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Color

Hex(1946FF)

Conversions

Conversions Part 1

Format	Color
Hex	1946FF
RGB	25, 70, 255
RGB Percent	10%, 27%, 100%
CMY	0.9020, 0.7255, 0.0000
CMYK	0.90, 0.73, 0.00, 0.00
HSL	228°, 100%, 55%
HSV	228°, 90%, 100%
XYZ	20.6411, 11.8070, 95.7988
YIQ	77.6350, -86.2050, 47.9950

Conversions

Conversions Part 2

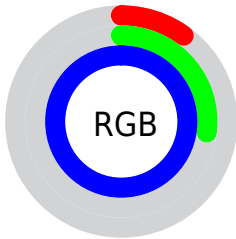
Format	Color
R_{YB}	25, 63, 255
Decimal	1656575
CIE _{Lab}	40.91, 55.25, -93.53
CIE _{LCh}	41, 108.627, 300.571
Yxy	11.8070, 0.1609, 0.0921
Android (android.graphics.Color)	4279846655 (0xFF1946FF)
YUV	77.6350, 87.4409, -46.1609
Hunter-Lab	34.3613, 47.0939, -141.2468

Details

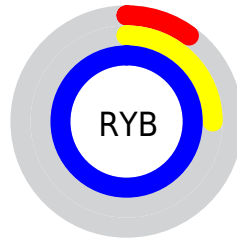
The Hex color **1946FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFD219**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7977FF**, and **0019C5** is the 20% darker color. If you saturate the color by 10%, you get **0032FF**, and if you desaturate by 10%, it is **325BFF**.

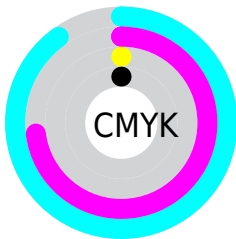
Distribution



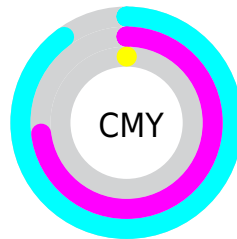
- Red (10%)
- Green (27%)
- Blue (100%)



- Red (10%)
- Yellow (25%)
- Blue (100%)



- Cyan (90%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 1946FF

 1946FF

FFFFFF

 002FE2

 7977FF

 0019C5

 9C91FF

 0006A8

 BDACFF

 00008D

 DEC8FF

 000972

 FEE4FF

 000D58

 000740

 000329

 000113

■ 1946FF

■ 1946FF

■ 0032FF

■ 325BFF

■ 4C6FFF

■ 6584FF

■ 7F98FF

■ 98ADFF

■ B2C1FF

■ CBD6FF

■ E5EAFF

FEFFFF

Harmonies

Analogous

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



0070FF



1946FF



C400BA

Triad

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



1946FF



B72C00



007E60

Complementary

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



1946FF



FFD219

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.



007B00



1946FF



755F00

Square

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



1946FF



E3000C



007300



0080BB

Rectangle

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



1946FF



E60081



007300



007D40

Sweetspot

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



1946FF



BAC8FF



19FFD1



575F80



000000



808080

Same Dimension

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



1946FF



0032FF



5E19FF



737580



0025BF



000C40

Inverse Universe

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



FF1946



FF0032



BAFF19



807375



BF0025



40000C

Previews

White Background



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

Color Contrast Check

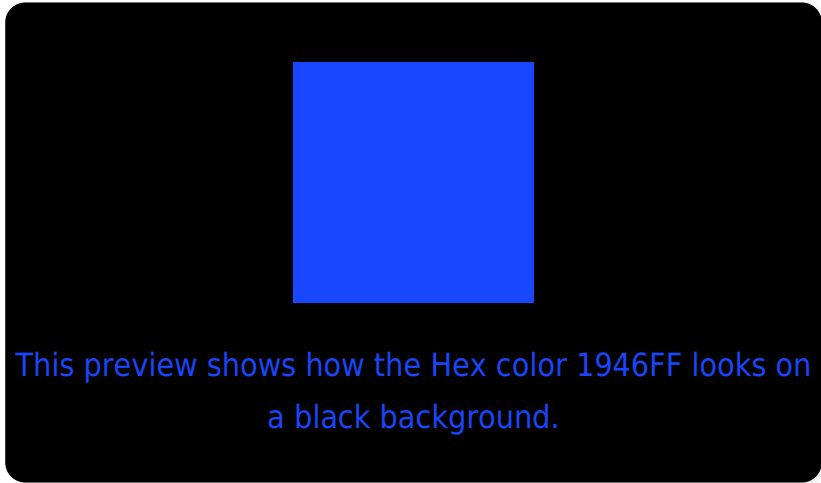
Large Text (above 18pt) WCAG AA ✓ Pass

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

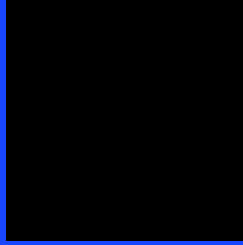
Any Text WCAG AA × Fail

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 1946FF Background



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



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

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
1946FF

Protanopia
005CC2

Deuteranopia
0062A5



Tritanopia
006A6F

Trichromacy



Original Color
1946FF

Protanomaly
0954D8

Deuteranomaly
0958C6

Tritanomaly
095DA3

Monochromacy



Original Color
1946FF

Achromatopsia
4E4E4E

Achromatomaly
3B4B8E

CSS Examples

Text

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

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

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 #1946FF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 1946FF 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
#1946FF }
```

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

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

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

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

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

Background

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

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

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

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

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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