

Converting Colors

Hex(226EF1)

Have a look what the booklet for
Hex(226EF1) contains.

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Color

Hex(226EF1)

Conversions

Conversions Part 1

Format	Color
Hex	226EF1
RGB	34, 110, 241
RGB Percent	13%, 43%, 95%
CMY	0.8667, 0.5686, 0.0549
CMYK	0.86, 0.54, 0.00, 0.05
HSL	218°, 88%, 54%
HSV	218°, 86%, 95%
XYZ	22.1128, 17.8428, 85.4976
YIQ	102.2100, -87.3470, 24.6290

Conversions

Conversions Part 2

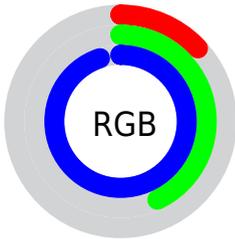
Format	Color
R _Y B	34, 90, 241
Decimal	2256625
CIE Lab	49.30, 26.03, -71.92
CIE LCh	49, 76.485, 289.899
Yxy	17.8428, 0.1763, 0.1422
Android (android.graphics.Color)	4280446705 (0xFF226EF1)
YUV	102.2100, 68.4235, -59.8202
Hunter-Lab	42.2408, 19.5224, -90.4377

Details

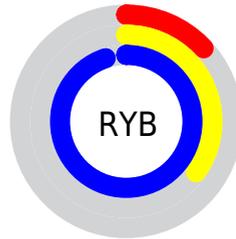
The Hex color **226EF1** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **F1A522**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **76A1FF**, and **0040B8** is the 20% darker color. If you saturate the color by 10%, you get **0A5FF1**, and if you desaturate by 10%, it is **3A7DF1**.

Distribution



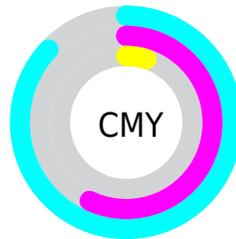
- Red (13%)
- Green (43%)
- Blue (95%)



- Red (13%)
- Yellow (35%)
- Blue (95%)



- Cyan (86%)
- Magenta (54%)
- Yellow (0%)
- Black (5%)



- Cyan (87%)
- Magenta (57%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226EF1 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 226EF1 by changing the saturation by 10% instead.

 226EF1

 226EF1

FFFFFF

 0056D4

 76A1FF

 0040B8

 96BCFF

 002B9C

 B6D7FF

 001981

 D6F3FF

 000067

 F5FFFF

 000A4E

 000536

 000220

 000004

■ 226EF1

■ 226EF1

■ 0A5FF1

■ 3A7DF1

■ 0058F1

■ 528DF1

■ 6A9CF1

■ 82ABF1

■ 9ABAF1

■ B3CAF1

■ CBD9F1

■ E3E8F1

■ FBF7F1

Harmonies

Analogous

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



0084F7



226EF1



AB4ACA

Triad

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



226EF1



CC4A06



008F5C

Complementary

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



226EF1



F1A522

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.



008A0F



226EF1



A16B00

Square

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



226EF1



E31E4E



667F00



0091A0

Rectangle

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



226EF1



D02CA3



667F00



008E45

Sweetspot

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



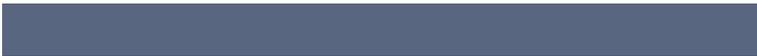
226EF1



BDD5FF



22F1A2



586680



000000



808080

Same Dimension

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



226EF1



005EFF



3A22F1



6C7078



0043B8



001538

Inverse Universe

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



F1226E



FF005E



D9F122



786C70



B80043



380015

Previews

White Background



This preview shows how the Hex color 226EF1 looks on a white background.

Color Contrast Check

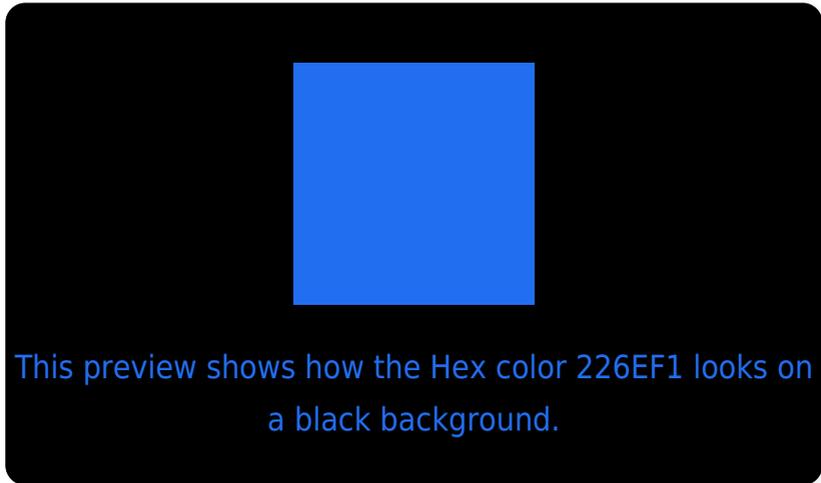
Large Text (above 18pt) WCAG AA ✓ Pass

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

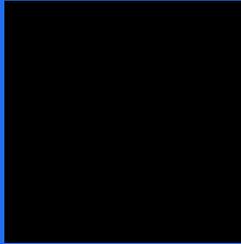
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 226EF1 Background



This preview shows how black text looks on a background with the Hex color 226EF1.



This preview shows how white text looks on a background with the Hex color 226EF1.

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](#).

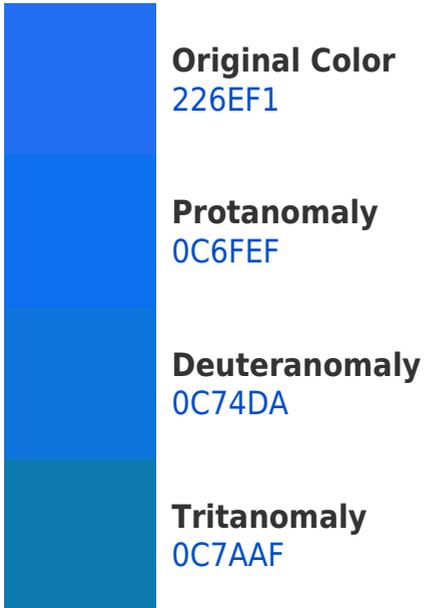
Dichromacy





Tritanopia
008189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 226EF1 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 #226EF1 looks like.

```
.text, #text, p{  
    color:#226EF1  
}
```

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 #226EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226EF1  
}
```

Border

The CSS property to change the border of an element to Hex 226EF1 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  
#226EF1 }
```

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

```
.border{ border-color:#226EF1 }
```

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

Here you see how a box with a 4 pixel #226EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226EF1; -webkit-box-shadow:4px 4px  
4px 4px #226EF1; box-shadow:4px 4px 4px  
4px #226EF1 }
```

Background

The CSS property to change the background color of an element to Hex 226EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226EF1 }
```

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

```
.background{ background-color:#226EF1 }
```

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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