

Converting Colors

Hex(2F20E1)

Have a look what the booklet for
Hex(2F20E1) contains.

Hex(2F20E1)	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(2F20E1)

Conversions

Conversions Part 1

Format	Color
Hex	2F20E1
RGB	47, 32, 225
RGB Percent	18%, 13%, 88%
CMY	0.8157, 0.8745, 0.1176
CMYK	0.79, 0.86, 0.00, 0.12
HSL	245°, 76%, 50%
HSV	245°, 86%, 88%
XYZ	15.2794, 7.0736, 71.7942
YIQ	58.4870, -53.0130, 63.2030

Conversions

Conversions Part 2

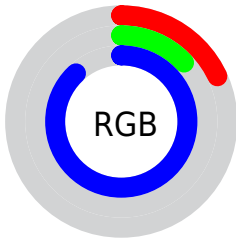
Format	Color
R _Y B	47, 32, 225
Decimal	3088609
CIE Lab	31.97, 65.08, -91.36
CIE LCh	32, 112.175, 305.465
Yxy	7.0736, 0.1623, 0.0751
Android (android.graphics.Color)	4281278689 (0xFF2F20E1)
YUV	58.4870, 82.0909, -10.0741
Hunter-Lab	26.5962, 56.0039, -141.4307

Details

The Hex color **2F20E1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D2E120**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7D55FF**, and **0000A8** is the 20% darker color. If you saturate the color by 10%, you get **1A0AE1**, and if you desaturate by 10%, it is **4437E1**.

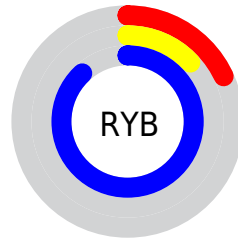
Distribution



Red (18%)

Green (13%)

Blue (88%)



Red (18%)

Yellow (13%)

Blue (88%)

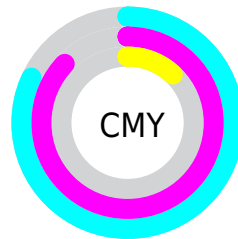


Cyan (79%)

Magenta (86%)

Yellow (0%)

Black (12%)



Cyan (82%)

Magenta (87%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F20E1 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 2F20E1 by changing the saturation by 10% instead.

■ 2F20E1

■ 2F20E1

FFFFFF

■ 0000C4

■ 7D55FF

■ 0000A8

■ 9E6FFF

■ 00008C

■ BE8AFF

■ 000072

■ DEA5FF

■ 000C58

■ FEC1FF

■ 000740

■ FFDEFF

■ 000329

■ FFFBFF

■ 000113

■ 000000

■ 2F20E1

■ 2F20E1

■ 1A0AE1

■ 4437E1

■ 1100E1

■ 594DE1

■ 6D64E1

■ 827AE1

■ 9791E1

■ ACA7E1

■ C0BEE1

■ D5D4E1

■ EAEBE1

Harmonies

Analogous

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



0058FF



2F20E1



B60097

Triad

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



2F20E1



931E00



00655A

Complementary

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



2F20E1



D2E120

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.



006300



2F20E1



4E4E00

Square

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



2F20E1



C30000



005E00



0068B3

Rectangle

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



2F20E1



D1005D



005E00



00653B

Sweetspot

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



2F20E1



C2BDFF



20D4E1



5B5880



000000



808080

Same Dimension

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



2F20E1



1400FF



8D20E1



666570



0E00B0



040030

Inverse Universe

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



E120D2



FF00EB



74E120



70656F



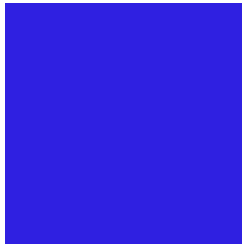
B000A2



30002D

Previews

White Background



This preview shows how the Hex color 2F20E1 looks on a white background.

Color Contrast Check

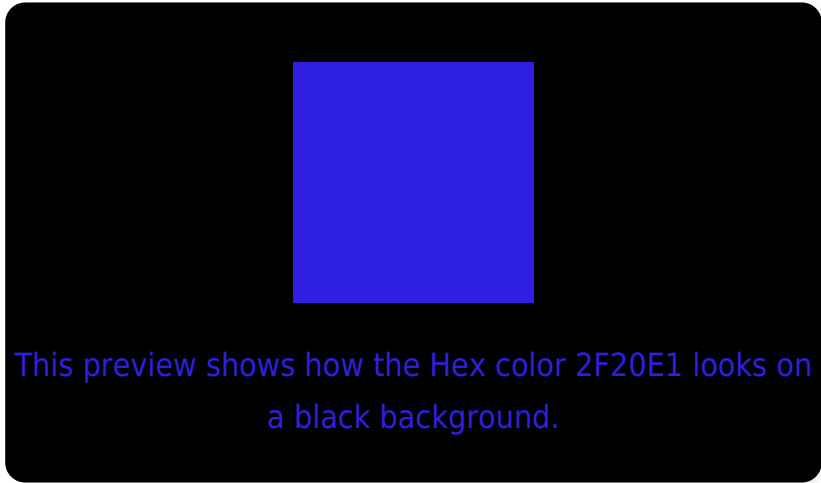
Large Text (above 18pt) WCAG AA ✓ Pass

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

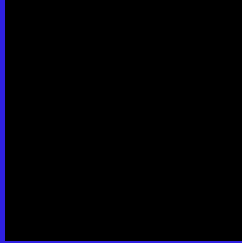
Any Text WCAG AA × Fail

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 2F20E1 Background



This preview shows how black text looks on a background with the Hex color 2F20E1.



This preview shows how white text looks on a background with the Hex color 2F20E1.

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
2F20E1

Protanopia
004898

Deuteranopia
004D81

Trichromacy



Original Color
2F20E1

Protanomaly
1139B3

Deuteranomaly
113DA4

Tritanomaly
114089

Monochromacy



Original Color
2F20E1

Achromatopsia
3A3A3A

Achromatomaly
363177

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F20E1 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 #2F20E1 looks like.

```
.text, #text, p{  
    color:#2F20E1  
}
```

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 #2F20E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F20E1
}
```

Border

The CSS property to change the border of an element to Hex 2F20E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

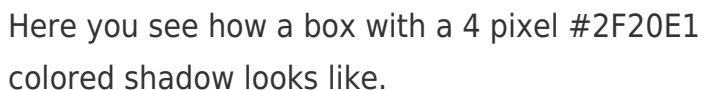
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F20E1 }
```

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

```
.border{ border-color:#2F20E1 }
```

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



Here you see how a box with a 4 pixel #2F20E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F20E1; -webkit-box-shadow:4px 4px  
4px 4px #2F20E1; box-shadow:4px 4px 4px  
4px #2F20E1 }
```

Background

The CSS property to change the background color of an element to Hex 2F20E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F20E1 }
```

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

```
.background{ background-color:#2F20E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor