

Converting Colors

Hex(212FDE)

Have a look what the booklet for
Hex(212FDE) contains.

Hex(212FDE)	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(212FDE)

Conversions

Conversions Part 1

Format	Color
Hex	212FDE
RGB	33, 47, 222
RGB Percent	13%, 18%, 87%
CMY	0.8706, 0.8157, 0.1294
CMYK	0.85, 0.79, 0.00, 0.13
HSL	236°, 74%, 50%
HSV	236°, 85%, 87%
XYZ	14.8285, 7.6303, 69.7985
YIQ	62.7640, -64.5190, 51.4570

Conversions

Conversions Part 2

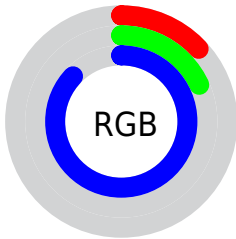
Format	Color
R_{YB}	33, 46, 222
Decimal	2174942
CIE _{Lab}	33.20, 57.10, -87.62
CIE _{LCh}	33, 104.580, 303.090
Yxy	7.6303, 0.1607, 0.0827
Android (android.graphics.Color)	4280365022 (0xFF212FDE)
YUV	62.7640, 78.5033, -26.1030
Hunter-Lab	27.6230, 47.4819, -130.4795

Details

The Hex color **212FDE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DED021**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7560FF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **0B1ADE**, and if you desaturate by 10%, it is **3744DE**.

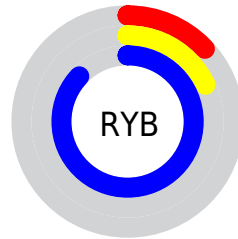
Distribution



Red (13%)

Green (18%)

Blue (87%)



Red (13%)

Yellow (18%)

Blue (87%)

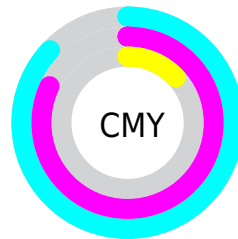


Cyan (85%)

Magenta (79%)

Yellow (0%)

Black (13%)



Cyan (87%)

Magenta (82%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212FDE 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 212FDE by changing the saturation by 10% instead.

 212FDE

 212FDE

FFFFFF


 0017C1

 7560FF

 0000A5

 967AFF

 00008A

 B694FF

 00006F

 D6B0FF

 000C56

 F5CBFF

 00063D

 FFE8FF

 000327

 000110

 000000

■ 212FDE

■ 212FDE

■ 0B1ADE

■ 3744DE

■ 0010DE

■ 4D58DE

■ 646DDE

■ 7A81DE

■ 9096DE

■ A6AADE

■ BCBFDE

■ D3D3DE

■ E9E8DE

Harmonies

Analogous

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



005BFB



212FDE



AF009B

Triad

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



212FDE



982000



006855

Complementary

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



212FDE



DED021

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.



006500



212FDE



594F00

Square

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



212FDE



C30000



006000



006AA9

Rectangle

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



212FDE



CB0065



006000



006738

Sweetspot

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



212FDE



BDC2FF



21DECE



585B80



000000



808080

Same Dimension

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



212FDE



0013FF



7021DE



656670



000DB0



000430

Inverse Universe

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



DE212F



FF0013



8FDE21



706566



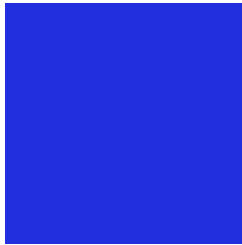
B0000D



300004

Previews

White Background



This preview shows how the Hex color 212FDE looks on a white background.

Color Contrast Check

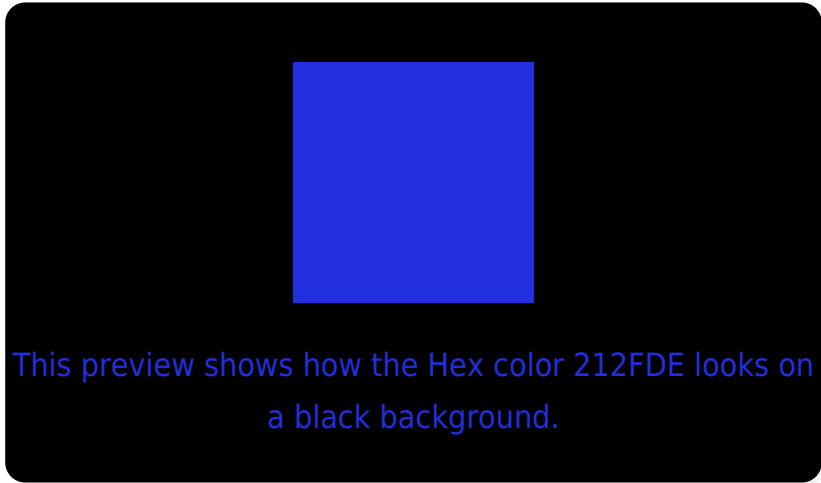
Large Text (above 18pt) WCAG AA ✓ Pass

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

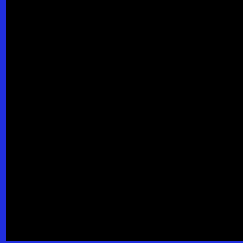
Any Text WCAG AA × Fail

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 212FDE Background



This preview shows how black text looks on a background with the Hex color 212FDE.



This preview shows how white text looks on a background with the Hex color 212FDE.

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
212FDE

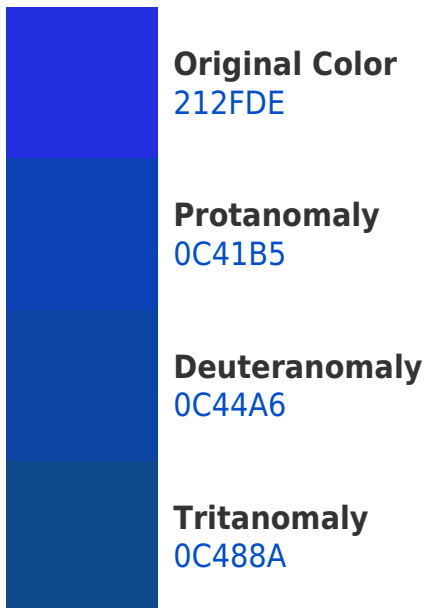
Protanopia
004B9D

Deuteranopia
005086

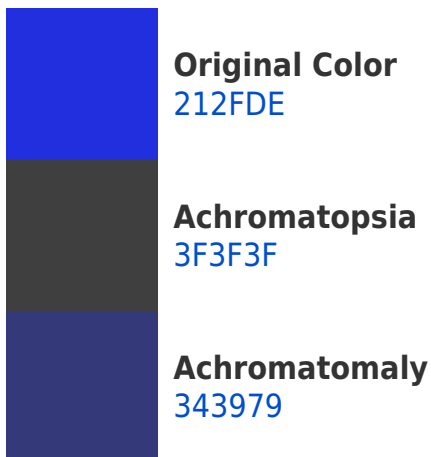


Tritanopia
00565A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 212FDE 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 #212FDE looks like.

```
.text, #text, p{  
    color:#212FDE  
}
```

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 #212FDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212FDE
}
```

Border

The CSS property to change the border of an element to Hex 212FDE 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
#212FDE }
```

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

```
.border{ border-color:#212FDE }
```

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

Here you see how a box with a 4 pixel #212FDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212FDE; -webkit-box-shadow:4px 4px  
4px 4px #212FDE; box-shadow:4px 4px 4px  
4px #212FDE }
```

Background

The CSS property to change the background color of an element to Hex 212FDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212FDE }
```

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

```
.background{ background-color:#212FDE }
```

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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