

Converting Colors

Hex(2227BF)

Have a look what the booklet for
Hex(2227BF) contains.

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Color

Hex(2227BF)

Conversions

Conversions Part 1

Format	Color
Hex	2227BF
RGB	34, 39, 191
RGB Percent	13%, 15%, 75%
CMY	0.8667, 0.8471, 0.2510
CMYK	0.82, 0.80, 0.00, 0.25
HSL	238°, 70%, 44%
HSV	238°, 82%, 75%
XYZ	10.7892, 5.5527, 49.7933
YIQ	54.8330, -51.7720, 46.2120

Conversions

Conversions Part 2

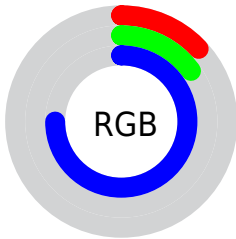
Format	Color
R_{YB}	34, 39, 191
Decimal	2238399
CIE _{Lab}	28.25, 51.34, -77.79
CIE _{LCh}	28, 93.203, 303.427
Yxy	5.5527, 0.1631, 0.0840
Android (android.graphics.Color)	4280428479 (0xFF2227BF)
YUV	54.8330, 67.1303, -18.2705
Hunter-Lab	23.5642, 40.4913, -108.7904

Details

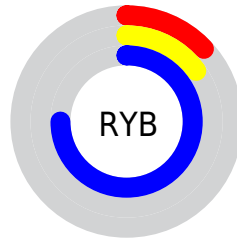
The Hex color **2227BF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **BFBA22**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6E57F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **0F15BF**, and if you desaturate by 10%, it is **3539BF**.

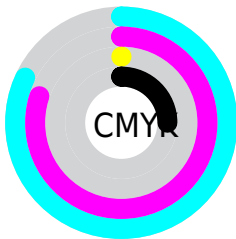
Distribution



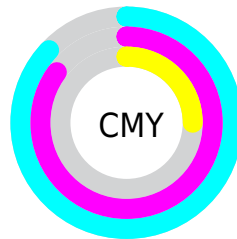
- Red (13%)
- Green (15%)
- Blue (75%)



- Red (13%)
- Yellow (15%)
- Blue (75%)



- Cyan (82%)
- Magenta (80%)
- Yellow (0%)
- Black (25%)



- Cyan (87%)
- Magenta (85%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2227BF 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 2227BF by changing the saturation by 10% instead.

■ 2227BF

■ 2227BF

FFFFFF

■ 000FA3

■ 6E57F9

■ 000088

■ 8D71FF

■ 00006E

■ AC8BFF

■ 000B54

■ CBA5FF

■ 00063C

■ E9C1FF

■ 000225

■ FFDDFF

■ 00010E

■ FFFAFF

■ 000000

■ 2227BF

■ 2227BF

0F15BF

3539BF

0006BF

484CBF

5B5EBF

6E71BF

8283BF

9596BF

A8A8BF

BBBBBF

CECDBF

Harmonies

Analogous

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



004ED9



2227BF



970085

Triad

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



2227BF



821C00



00594A

Complementary

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



2227BF



BFBA22

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.



005700



2227BF



4B4400

Square

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



2227BF



A80000



005200



005B92

Rectangle

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



2227BF



AF0056



005200



005930

Sweetspot

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



2227BF



BABBF7



22BFBA



57597D



FCFCFC



7D7D7D

Same Dimension

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



2227BF



020AF7



6B22BF



55555E



00059E



00011F

Inverse Universe

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



BF2227



F7020A



76BF22



5E5555



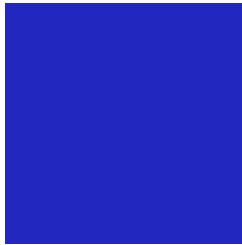
9E0005



1F0001

Previews

White Background



This preview shows how the Hex color 2227BF looks on a white background.

Color Contrast Check

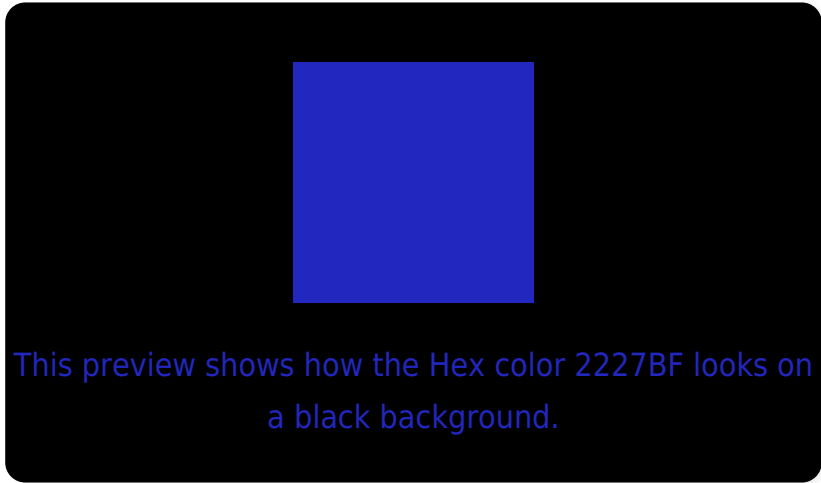
Large Text (above 18pt) WCAG AA ✓ Pass

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

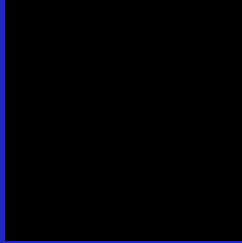
Any Text WCAG AA × Fail

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 2227BF Background



This preview shows how black text looks on a background with the Hex color 2227BF.



This preview shows how white text looks on a background with the Hex color 2227BF.

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
2227BF

Protanopia
004087

Deuteranopia
004573



Tritanopia
004A4E

Trichromacy



Original Color
2227BF

Protanomaly
0C379B

Deuteranomaly
0C3A8F

Tritanomaly
0C3D77

Monochromacy



Original Color
2227BF

Achromatopsia
373737

Achromatomaly
2F3168

CSS Examples

Text

The CSS property to change the color of the text to Hex 2227BF 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 #2227BF looks like.

```
.text, #text, p{  
    color:#2227BF  
}
```

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 #2227BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2227BF
}
```

Border

The CSS property to change the border of an element to Hex 2227BF 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
#2227BF }
```

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

```
.border{ border-color:#2227BF }
```

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

Here you see how a box with a 4 pixel #2227BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2227BF; -webkit-box-shadow:4px 4px  
4px 4px #2227BF; box-shadow:4px 4px 4px  
4px #2227BF }
```

Background

The CSS property to change the background color of an element to Hex 2227BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2227BF }
```

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

```
.background{ background-color:#2227BF }
```

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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