

Converting Colors

Hex(2227C6)

Have a look what the booklet for
Hex(2227C6) contains.

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Color

Hex(2227C6)

Conversions

Conversions Part 1

Format	Color
Hex	2227C6
RGB	34, 39, 198
RGB Percent	13%, 15%, 78%
CMY	0.8667, 0.8471, 0.2235
CMYK	0.83, 0.80, 0.00, 0.22
HSL	238°, 71%, 45%
HSV	238°, 83%, 78%
XYZ	11.5782, 5.8683, 53.9485
YIQ	55.6310, -54.0190, 48.3890

Conversions

Conversions Part 2

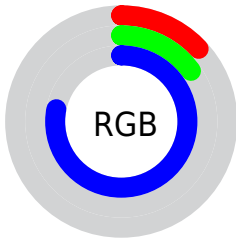
Format	Color
R_{YB}	34, 39, 198
Decimal	2238406
CIE _{Lab}	29.08, 53.56, -80.54
CIE _{LCh}	29, 96.721, 303.624
Yxy	5.8683, 0.1622, 0.0822
Android (android.graphics.Color)	4280428486 (0xFF2227C6)
YUV	55.6310, 70.1879, -18.9704
Hunter-Lab	24.2246, 42.9215, -115.0822




Details

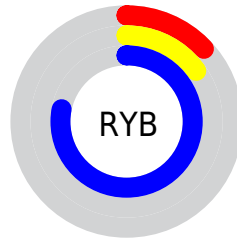
The Hex color **2227C6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C6C122**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **7058FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **0E14C6**, and if you desaturate by 10%, it is **363AC6**.

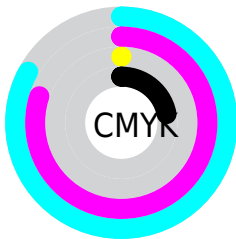
Distribution







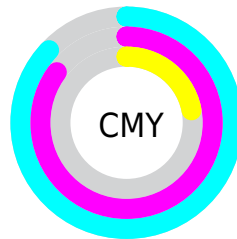
-  Red (13%)
-  Green (15%)
-  Blue (78%)






-  Red (13%)
-  Yellow (15%)
-  Blue (78%)



-  Cyan (83%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (22%)



-  Cyan (87%)
-  Magenta (85%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2227C6 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 2227C6 by changing the saturation by 10% instead.

■ 2227C6

■ 2227C6

FFFFFF

■ 000EAA

■ 7058FF

■ 00008E

■ 9071FF

■ 000074

■ AF8BFF

■ 00085A

■ CDA6FF

■ 000742

■ ECC2FF

■ 00032B

■ FFDEFF

■ 000115

■ FFFBFF

■ 000000

■ 2227C6

■ 2227C6

■ 0E14C6

■ 363AC6

■ 0006C6

■ 4A4DC6

■ 5D61C6

■ 7174C6

■ 8587C6

■ 999AC6

■ ADADC6

■ C0C1C6

■ D4D4C6

Harmonies

Analogous

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



0050E1



2227C6



9D0089

Triad

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



2227C6



861C00



005C4C

Complementary

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



2227C6



C6C122

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.



005A00



2227C6



4D4600

Square

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



2227C6



AE0000



005400



005E98

Rectangle

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



2227C6



B60058



005400



005B32

Sweetspot

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



2227C6



BFC1FF



22C6C1



595A80



000000



808080

Same Dimension

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



2227C6



030AFF



6F22C6



5A5A63



0005A3



000124

Inverse Universe

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



C62227



FF030A



79C622



635A5A



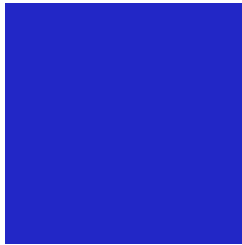
A30005



240001

Previews

White Background



This preview shows how the Hex color 2227C6 looks on a white background.

Color Contrast Check

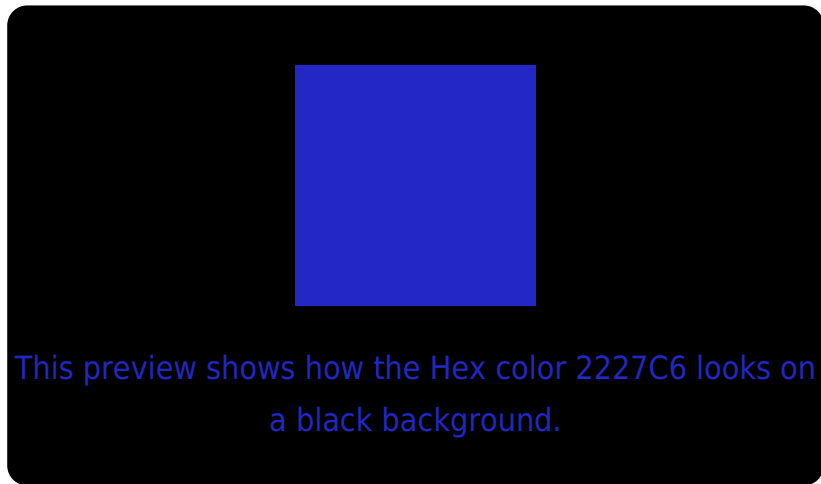
Large Text (above 18pt) WCAG AA ✓ Pass

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

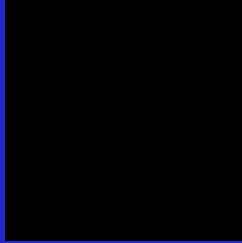
Any Text WCAG AA × Fail

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 2227C6 Background



This preview shows how black text looks on a background with the Hex color 2227C6.



This preview shows how white text looks on a background with the Hex color 2227C6.

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
2227C6

Protanopia
00428B

Deuteranopia
004776

Trichromacy



Original Color
2227C6

Protanomaly
0C38A0

Deuteranomaly
0C3B93

Monochromacy



Original Color
2227C6

Achromatopsia
383838

Achromatomaly
30326C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2227C6 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 #2227C6 looks like.

```
.text, #text, p{  
    color:#2227C6  
}
```

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 #2227C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2227C6
}
```

Border

The CSS property to change the border of an element to Hex 2227C6 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
#2227C6 }
```

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

```
.border{ border-color:#2227C6 }
```

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

Here you see how a box with a 4 pixel #2227C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2227C6; -webkit-box-shadow:4px 4px  
4px 4px #2227C6; box-shadow:4px 4px 4px  
4px #2227C6 }
```

Background

The CSS property to change the background color of an element to Hex 2227C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2227C6 }
```

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

```
.background{ background-color:#2227C6 }
```

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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