

Converting Colors

Hex(2322C3)

Have a look what the booklet for
Hex(2322C3) contains.

Hex(2322C3)	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(2322C3)

Conversions

Conversions Part 1

Format	Color
Hex	2322C3
RGB	35, 34, 195
RGB Percent	14%, 13%, 76%
CMY	0.8627, 0.8667, 0.2353
CMYK	0.82, 0.83, 0.00, 0.24
HSL	240°, 70%, 45%
HSV	240°, 83%, 76%
XYZ	11.1155, 5.4415, 52.0942
YIQ	52.6530, -51.0850, 50.2830

Conversions

Conversions Part 2

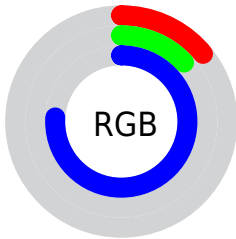
Format	Color
R_{YB}	35, 34, 195
Decimal	2302659
CIE _{Lab}	27.96, 55.04, -80.64
CIE _{LCh}	28, 97.631, 304.317
Yxy	5.4415, 0.1619, 0.0793
Android (android.graphics.Color)	4280492739 (0xFF2322C3)
YUV	52.6530, 70.1771, -15.4817
Hunter-Lab	23.3270, 44.2341, -116.0782

Details

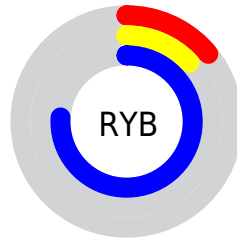
The Hex color **2322C3** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C2C322**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7053FD**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **100EC3**, and if you desaturate by 10%, it is **3635C3**.

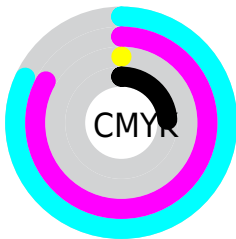
Distribution



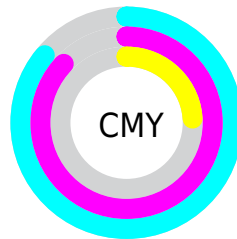
- Red (14%)
- Green (13%)
- Blue (76%)



- Red (14%)
- Yellow (13%)
- Blue (76%)



- Cyan (82%)
- Magenta (83%)
- Yellow (0%)
- Black (24%)



- Cyan (86%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2322C3 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 2322C3 by changing the saturation by 10% instead.

■ 2322C3

■ 2322C3

FFFFFF

■ 0007A7

■ 7053FD

■ 00008C

■ 906DFF

■ 000071

■ AE87FF

■ 000A57

■ CDA2FF

■ 00063F

■ ECBDFE

■ 000328

■ FFDAFF

■ 000112

■ FFF6FF

■ 000000

■ 2322C3

■ 2322C3

■ 100EC3

■ 3635C3

■ 0100C3

■ 4A49C3

■ 5D5CC3

■ 7170C3

■ 8484C3

■ 9797C3

■ ABABC3

■ BEBEC3

■ D1D1C3

Harmonies

Analogous

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



004EDF



2322C3



9C0085

Triad

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



2322C3



821A00



00594C

Complementary

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



2322C3



C2C322

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



2322C3



484400

Square

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



2322C3



AA0000



005200



005B97

Rectangle

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



2322C3



B40054



005200



005831

Sweetspot

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



2322C3



BEBDFC



22C3C3



595980



000000



808080

Same Dimension

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



2322C3



0403FC



7222C3



575761



0100A1



000021

Inverse Universe

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



C322C2



FC03FB



72C322



615761



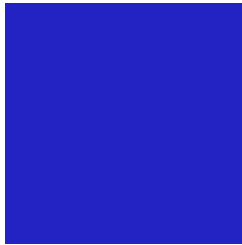
A100A0



210021

Previews

White Background



This preview shows how the Hex color 2322C3 looks on a white background.

Color Contrast Check

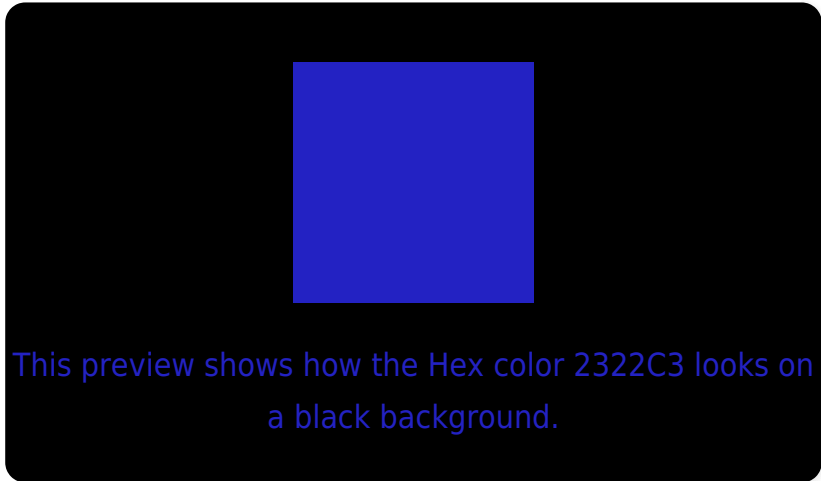
Large Text (above 18pt) WCAG AA ✓ Pass

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

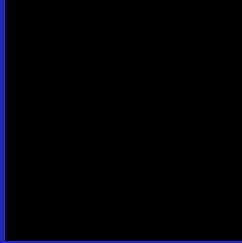
Any Text WCAG AA × Fail

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 2322C3 Background



This preview shows how black text looks on a background with the Hex color 2322C3.



This preview shows how white text looks on a background with the Hex color 2322C3.

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
2322C3

Protanopia
004086

Deuteranopia
004472



Tritanopia
00494D

Trichromacy



Original Color
2322C3

Protanomaly
0D359C

Deuteranomaly
0D388F

Tritanomaly
0D3B78

Monochromacy



Original Color
2322C3

Achromatopsia
353535

Achromatomaly
2E2E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2322C3 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 #2322C3 looks like.

```
.text, #text, p{  
    color:#2322C3  
}
```

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 #2322C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2322C3
}
```

Border

The CSS property to change the border of an element to Hex 2322C3 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
#2322C3 }
```

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

```
.border{ border-color:#2322C3 }
```

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

Here you see how a box with a 4 pixel #2322C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2322C3; -webkit-box-shadow:4px 4px  
4px 4px #2322C3; box-shadow:4px 4px 4px  
4px #2322C3 }
```

Background

The CSS property to change the background color of an element to Hex 2322C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2322C3 }
```

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

```
.background{ background-color:#2322C3 }
```

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