

Converting Colors

Hex(202EC9)

Have a look what the booklet for
Hex(202EC9) contains.

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Color

Hex(202EC9)

Conversions

Conversions Part 1

Format	Color
Hex	202EC9
RGB	32, 46, 201
RGB Percent	13%, 18%, 79%
CMY	0.8745, 0.8196, 0.2118
CMYK	0.84, 0.77, 0.00, 0.21
HSL	235°, 73%, 46%
HSV	235°, 84%, 79%
XYZ	12.1153, 6.4781, 55.8702
YIQ	59.4840, -58.0990, 45.2370

Conversions

Conversions Part 2

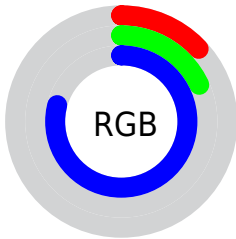
Format	Color
R _Y B	32, 45, 201
Decimal	2109129
CIE Lab	30.59, 50.82, -79.79
CIE LCh	31, 94.604, 302.495
Yxy	6.4781, 0.1627, 0.0870
Android (android.graphics.Color)	4280299209 (0xFF202EC9)
YUV	59.4840, 69.7674, -24.1035
Hunter-Lab	25.4521, 40.4252, -112.3315

Details

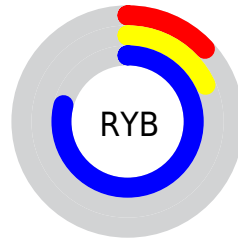
The Hex color **202EC9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C9BB20**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6F5EFF**, and **000191** is the 20% darker color. If you saturate the color by 10%, you get **0C1CC9**, and if you desaturate by 10%, it is **3440C9**.

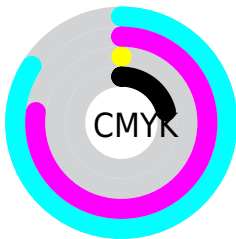
Distribution



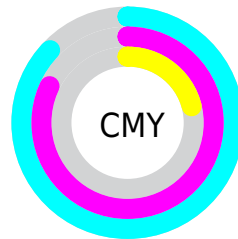
- Red (13%)
- Green (18%)
- Blue (79%)



- Red (13%)
- Yellow (18%)
- Blue (79%)



- Cyan (84%)
- Magenta (77%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (82%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202EC9 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 202EC9 by changing the saturation by 10% instead.

 202EC9

 202EC9

FFFFFF

 0017AD

 6F5EFF

 000191

 8F78FF

 000077

 AE92FF

 00065D

 CDADFF

 000844

 ECC8FF

 00032D

 FFE5FF

 000117

 000000

 202EC9

 202EC9

■ 0C1CC9

■ 3440C9

■ 0011C9

■ 4853C9

■ 5C65C9

■ 7078C9

■ 858AC9

■ 999DC9

■ ADAFC9

■ C1C1C9

■ D5D4C9

Harmonies

Analogous

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



0054E2



202EC9



9E008E

Triad

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



202EC9



8C1F00



00604D

Complementary

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



202EC9



C9BB20

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.



005D00



202EC9



544800

Square

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



202EC9



B20000



005800



006298

Rectangle

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



202EC9



B8005E



005800



005F32

Sweetspot

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



202EC9



BFC5FF



20C9BB



595C80



000000



808080

Same Dimension

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



202EC9



0015FF



6620C9



5A5A63



000EA3



000324

Inverse Universe

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



C9202E



FF0015



83C920



635A5A



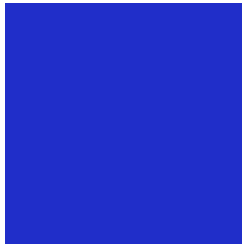
A3000E



240003

Previews

White Background



This preview shows how the Hex color 202EC9 looks on a white background.

Color Contrast Check

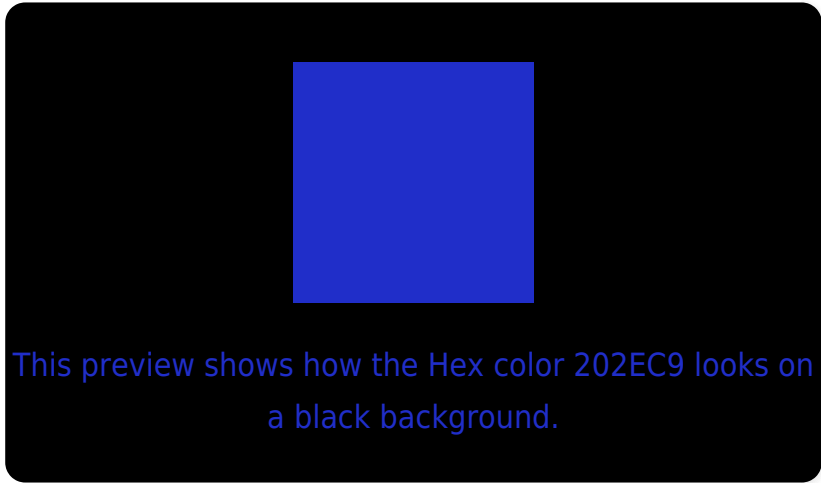
Large Text (above 18pt) WCAG AA ✓ Pass

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 202EC9 Background



This preview shows how black text looks on a background with the Hex color 202EC9.



This preview shows how white text looks on a background with the Hex color 202EC9.

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

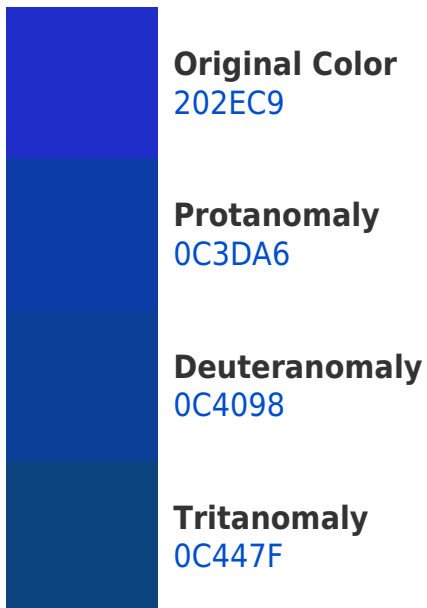


Original Color
202EC9

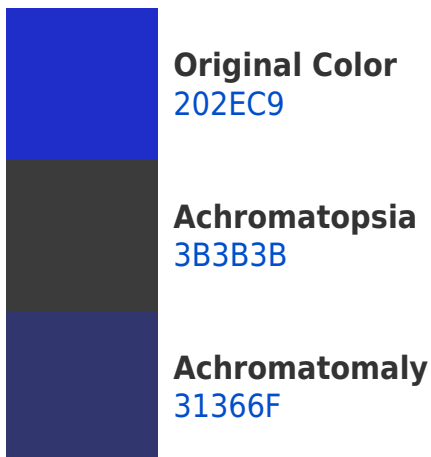
Protanopia
004592

Deuteranopia
004A7C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 202EC9 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 #202EC9 looks like.

```
.text, #text, p{  
    color:#202EC9  
}
```

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 #202EC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202EC9
}
```

Border

The CSS property to change the border of an element to Hex 202EC9 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".

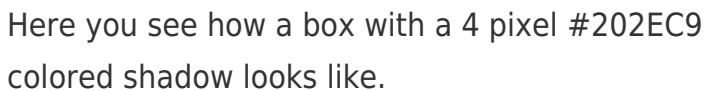
```
.border, #border, table{ border:4px solid
#202EC9 }
```

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

```
.border{ border-color:#202EC9 }
```

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

Here you see how a box with a 4 pixel #202EC9 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202EC9; -webkit-box-shadow:4px 4px  
4px 4px #202EC9; box-shadow:4px 4px 4px  
4px #202EC9 }
```

Background

The CSS property to change the background color of an element to Hex 202EC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202EC9 }
```

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

```
.background{ background-color:#202EC9 }
```

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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