

Converting Colors

Hex(2110A2)

Have a look what the booklet for
Hex(2110A2) contains.

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Color

Hex(2110A2)

Conversions

Conversions Part 1

Format	Color
Hex	2110A2
RGB	33, 16, 162
RGB Percent	13%, 6%, 64%
CMY	0.8706, 0.9373, 0.3647
CMYK	0.80, 0.90, 0.00, 0.36
HSL	247°, 82%, 35%
HSV	247°, 90%, 64%
XYZ	7.3341, 3.3026, 34.4333
YIQ	37.7270, -36.7340, 49.0100

Conversions

Conversions Part 2

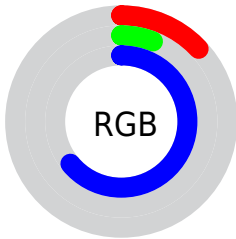
Format	Color
R_{YB}	33, 16, 162
Decimal	2166946
CIE _{Lab}	21.22, 52.45, -72.09
CIE _{LCh}	21, 89.153, 306.036
Yxy	3.3026, 0.1627, 0.0733
Android (android.graphics.Color)	4280357026 (0xFF2110A2)
YUV	37.7270, 61.2666, -4.1456
Hunter-Lab	18.1729, 40.2350, -99.6193

Details

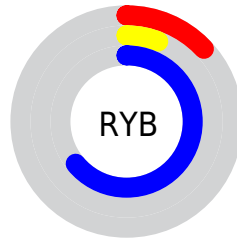
The Hex color **2110A2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **91A210**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6743DA**, and **00006D** is the 20% darker color. If you saturate the color by 10%, you get **1300A2**, and if you desaturate by 10%, it is **2F20A2**.

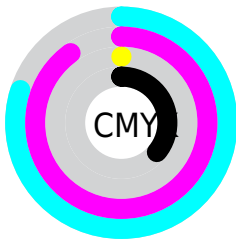
Distribution



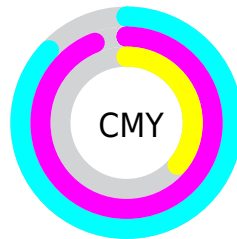
- Red (13%)
- Green (6%)
- Blue (64%)



- Red (13%)
- Yellow (6%)
- Blue (64%)



- Cyan (80%)
- Magenta (90%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (94%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2110A2 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 2110A2 by changing the saturation by 10% instead.

■ 2110A2

■ 2110A2

FFFFFF

■ 000087

■ 6743DA

■ 00006D

■ 865CF7

■ 000053

■ A476FF

■ 00063B

■ C290FF

■ 000224

■ E0ABFF

■ 00000D

■ FEC7FF

■ 000000

■ FFE4FF

■ 2110A2

■ 2110A2

■ 1300A2

■ 2F20A2

■ 3E30A2

■ 4C41A2

■ 5A51A2

■ 6961A2

■ 7771A2

■ 8581A2

■ 9492A2

■ A2A2A2

Harmonies

Analogous

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



003DBD



2110A2



84006A

Triad

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



2110A2



671200



004740

Complementary

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



2110A2



91A210

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.



004500



2110A2



343600

Square

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



2110A2



8B0000



004100



004982

Rectangle

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



2110A2



97003F



004100



004728

Sweetspot

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



2110A2



A19BD4



1093A2



4D496B



EBEBEB



6B6B6B

Same Dimension

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



2110A2



1900D4



6810A2



4A4952



110091



020012

Inverse Universe

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



A21091



D400BB



4AA210



524951



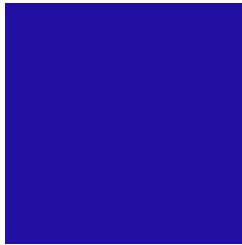
910080



120010

Previews

White Background



This preview shows how the Hex color 2110A2 looks on a white background.

Color Contrast Check

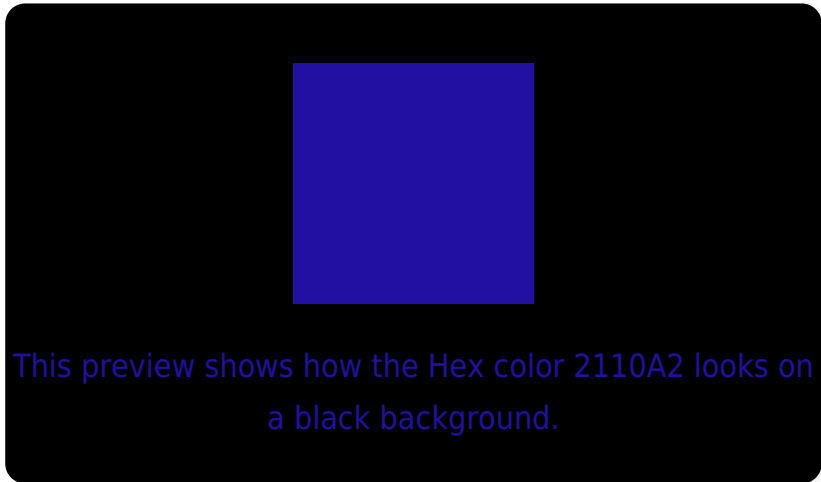
Large Text (above 18pt) WCAG AA ✓ Pass

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

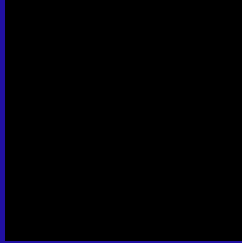
Any Text WCAG AA × Fail

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 2110A2 Background



This preview shows how black text looks on a background with the Hex color 2110A2.



This preview shows how white text looks on a background with the Hex color 2110A2.

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
2110A2

Protanopia
00326A

Deuteranopia
00365A



Tritanopia
003A3D

Trichromacy



Original Color
2110A2

Protanomaly
0C267E

Deuteranomaly
0C2874

Tritanomaly
0C2B62

Monochromacy



Original Color
2110A2

Achromatopsia
262626

Achromatomaly
241E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 2110A2 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 #2110A2 looks like.

```
.text, #text, p{  
    color:#2110A2  
}
```

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 #2110A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2110A2
}
```

Border

The CSS property to change the border of an element to Hex 2110A2 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".

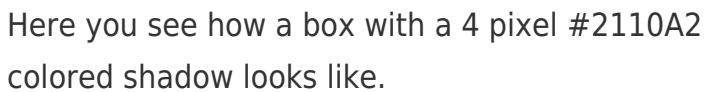
```
.border, #border, table{ border:4px solid
#2110A2 }
```

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

```
.border{ border-color:#2110A2 }
```

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

Here you see how a box with a 4 pixel #2110A2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2110A2; -webkit-box-shadow:4px 4px  
4px 4px #2110A2; box-shadow:4px 4px 4px  
4px #2110A2 }
```

Background

The CSS property to change the background color of an element to Hex 2110A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2110A2 }
```

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

```
.background{ background-color:#2110A2 }
```

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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