

Converting Colors

Hex(2105D4)

Have a look what the booklet for
Hex(2105D4) contains.

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Color

Hex(2105D4)

Conversions

Conversions Part 1

Format	Color
Hex	2105D4
RGB	33, 5, 212
RGB Percent	13%, 2%, 83%
CMY	0.8706, 0.9804, 0.1686
CMYK	0.84, 0.98, 0.00, 0.17
HSL	248°, 95%, 43%
HSV	248°, 98%, 83%
XYZ	12.5651, 5.1853, 62.6260
YIQ	36.9700, -49.7590, 70.3130

Conversions

Conversions Part 2

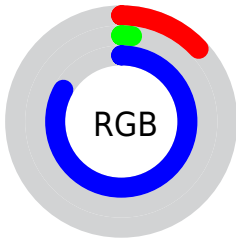
Format	Color
R_{YB}	33, 5, 212
Decimal	2164180
CIE _{Lab}	27.26, 68.26, -91.75
CIE _{LCh}	27, 114.354, 306.650
Yxy	5.1853, 0.1563, 0.0645
Android (android.graphics.Color)	4280354260 (0xFF2105D4)
YUV	36.9700, 86.2898, -3.4817
Hunter-Lab	22.7713, 58.6457, -147.1200

Details

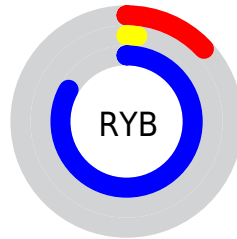
The Hex color **2105D4** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B8D405**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7544FF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **1D00D4**, and if you desaturate by 10%, it is **331AD4**.

Distribution



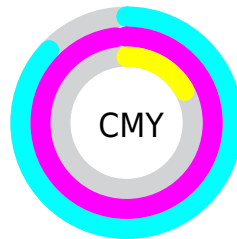
- Red (13%)
- Green (2%)
- Blue (83%)



- Red (13%)
- Yellow (2%)
- Blue (83%)



- Cyan (84%)
- Magenta (98%)
- Yellow (0%)
- Black (17%)



- Cyan (87%)
- Magenta (98%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2105D4 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 2105D4 by changing the saturation by 10% instead.

 2105D4

 2105D4

FFFFFF

 0000B7

 7544FF

 00009B

 965FFF

 000080

 B67AFF

 000766

 D695FF

 000A4D

 F5B1FF

 000535

 FFCDFE

 00021F

 FFEAFF

 000002

 000000

■ 2105D4

■ 2105D4

■ 1D00D4

■ 331AD4

■ 462FD4

■ 5845D4

■ 6A5AD4

■ 7D6FD4

■ 8F84D4

■ A199D4

■ B4AFD4

■ C6C4D4

Harmonies

Analogous

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



004EF9



2105D4



AC0088

Triad

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



2105D4



831100



005953

Complementary

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



2105D4



B8D405

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



2105D4



3E4500

Square

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



2105D4



B30000



005200



005CAB

Rectangle

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



2105D4



C4004F



005200



005834

Sweetspot

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



2105D4



BFB5FF



05B8D4



595380



000000



808080

Same Dimension

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



2105D4



2200FF



8805D4



62606B



1700AB



06002B

Inverse Universe

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



D405B8



FF00DD



51D405



6B606A



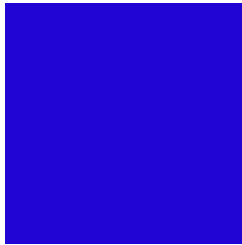
AB0094



2B0025

Previews

White Background



This preview shows how the Hex color 2105D4 looks on a white background.

Color Contrast Check

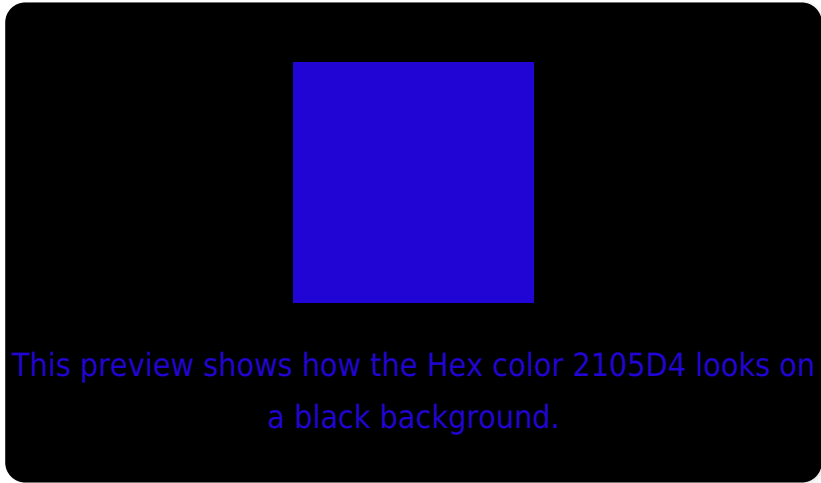
Large Text (above 18pt) WCAG AA ✓ Pass

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

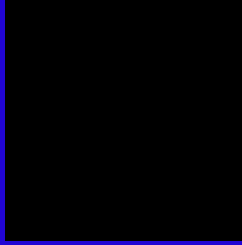
Any Text WCAG AA × Fail

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 2105D4 Background



This preview shows how black text looks on a background with the Hex color 2105D4.



This preview shows how white text looks on a background with the Hex color 2105D4.

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
2105D4

Protanopia
003F85

Deuteranopia
004471



Tritanopia
00494C

Trichromacy



Original Color
2105D4

Protanomaly
0C2AA2

Deuteranomaly
0C2D95

Tritanomaly
0C307D

Monochromacy



Original Color
2105D4

Achromatopsia
252525

Achromatomaly
241965

CSS Examples

Text

The CSS property to change the color of the text to Hex 2105D4 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 #2105D4 looks like.

```
.text, #text, p{  
    color:#2105D4  
}
```

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 #2105D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2105D4
}
```

Border

The CSS property to change the border of an element to Hex 2105D4 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
#2105D4 }
```

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

```
.border{ border-color:#2105D4 }
```

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

Here you see how a box with a 4 pixel #2105D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2105D4; -webkit-box-shadow:4px 4px  
4px 4px #2105D4; box-shadow:4px 4px 4px  
4px #2105D4 }
```

Background

The CSS property to change the background color of an element to Hex 2105D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2105D4 }
```

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

```
.background{ background-color:#2105D4 }
```

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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