

Converting Colors

Hex(2164CE)

Have a look what the booklet for
Hex(2164CE) contains.

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Color

Hex(2164CE)

Conversions

Conversions Part 1

Format	Color
Hex	2164CE
RGB	33, 100, 206
RGB Percent	13%, 39%, 81%
CMY	0.8706, 0.6078, 0.1922
CMYK	0.84, 0.51, 0.00, 0.19
HSL	217°, 72%, 47%
HSV	217°, 84%, 81%
XYZ	16.3249, 13.8939, 60.2139
YIQ	92.0510, -73.9580, 18.7620

Conversions

Conversions Part 2

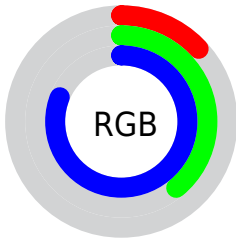
Format	Color
R_{YB}	33, 81, 206
Decimal	2188494
CIE _{Lab}	44.08, 18.97, -60.58
CIE _{LCh}	44, 63.476, 287.385
Yxy	13.8939, 0.1805, 0.1536
Android (android.graphics.Color)	4280378574 (0xFF2164CE)
YUV	92.0510, 56.1769, -51.7877
Hunter-Lab	37.2745, 12.9464, -69.6859

Details

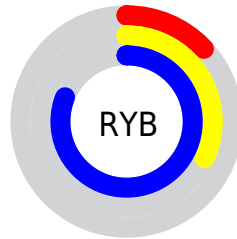
The Hex color **2164CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CE8B21**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6D96FF**, and **003797** is the 20% darker color. If you saturate the color by 10%, you get **0C57CE**, and if you desaturate by 10%, it is **3671CE**.

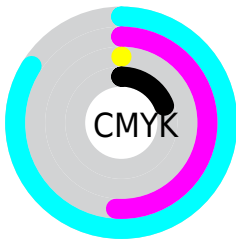
Distribution



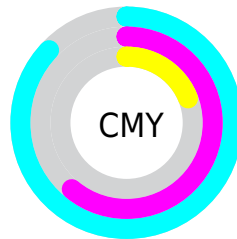
- Red (13%)
- Green (39%)
- Blue (81%)



- Red (13%)
- Yellow (32%)
- Blue (81%)



- Cyan (84%)
- Magenta (51%)
- Yellow (0%)
- Black (19%)



- Cyan (87%)
- Magenta (61%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2164CE 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 2164CE by changing the saturation by 10% instead.

■ 2164CE

■ 2164CE

FFFFFF

■ 004DB2

■ 6D96FF

■ 003797

■ 8CB1FF

■ 00237C

■ AACCFE

■ 000F63

■ C9E8FF

■ 00094A

■ E7FFFF

■ 000432

■ 00021C

■ 000000

■ 2164CE

■ 2164CE

■ 0C57CE

■ 3671CE

■ 0050CE

■ 4A7DCE

■ 5F8ACE

■ 7396CE

■ 88A3CE

■ 9DB0CE

■ B1BCCE

■ C6C9CE

■ DAD6CE

Harmonies

Analogous

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



0075D0



2164CE



8F4AB0

Triad

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



2164CE



B34519



007E4F

Complementary

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



2164CE



CE8B21

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.



147915



2164CE



915E00

Square

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



2164CE



C42B4C



626F00



007F86

Rectangle

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



2164CE



B03692



626F00



007D3D

Sweetspot

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



2164CE



BFD8FF



21CE89



596880



000000



808080

Same Dimension

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



2164CE



0063FF



3221CE



5C6066



0040A6



000F26

Inverse Universe

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



CE2164



FF0063



BDCE21



665C60



A60040



26000F

Previews

White Background



This preview shows how the Hex color 2164CE looks on a white background.

Color Contrast Check

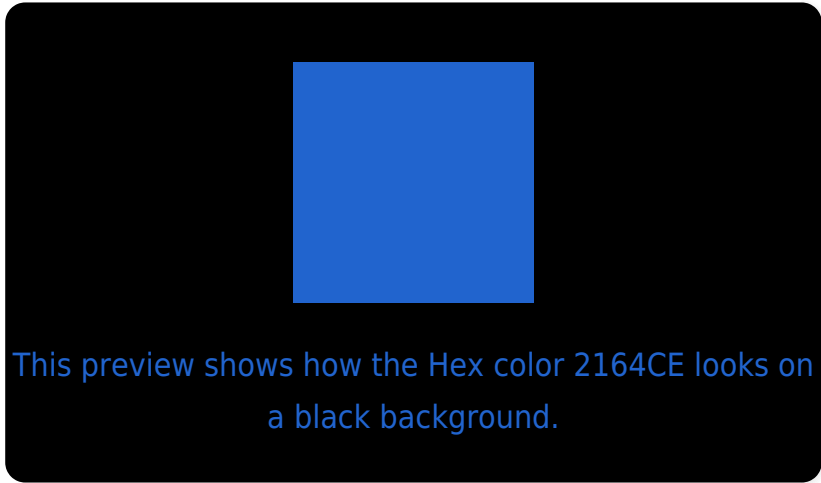
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

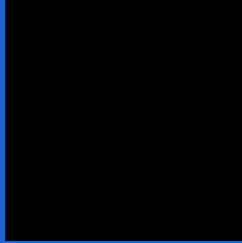
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

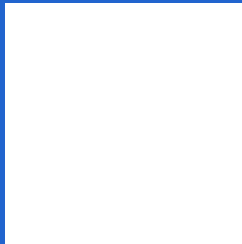
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2164CE Background



This preview shows how black text looks on a background with the Hex color 2164CE.

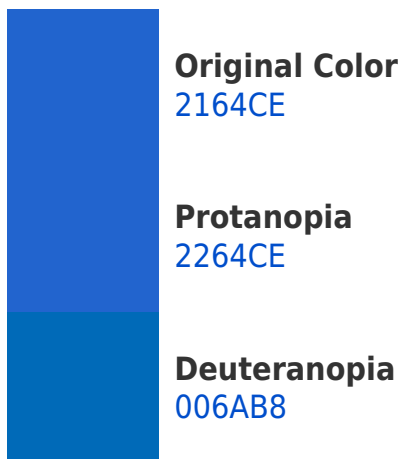


This preview shows how white text looks on a background with the Hex color 2164CE.

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



Trichromacy



Original Color
2164CE

Protanomaly
2264CE

Deuteranomaly
0C68C0

Monochromacy



Original Color
2164CE

Achromatopsia
5C5C5C

Achromatomaly
475F85

CSS Examples

Text

The CSS property to change the color of the text to Hex 2164CE 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 #2164CE looks like.

```
.text, #text, p{  
    color:#2164CE  
}
```

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 #2164CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2164CE
}
```

Border

The CSS property to change the border of an element to Hex 2164CE 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
#2164CE }
```

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

```
.border{ border-color:#2164CE }
```

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

Here you see how a box with a 4 pixel #2164CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2164CE; -webkit-box-shadow:4px 4px  
4px 4px #2164CE; box-shadow:4px 4px 4px  
4px #2164CE }
```

Background

The CSS property to change the background color of an element to Hex 2164CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2164CE }
```

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

```
.background{ background-color:#2164CE }
```

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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