

Converting Colors

Hex(2416B9)

Have a look what the booklet for
Hex(2416B9) contains.

Hex(2416B9)	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(2416B9)

Conversions

Conversions Part 1

Format	Color
Hex	2416B9
RGB	36, 22, 185
RGB Percent	14%, 9%, 73%
CMY	0.8588, 0.9137, 0.2745
CMYK	0.81, 0.88, 0.00, 0.27
HSL	245°, 79%, 41%
HSV	245°, 88%, 73%
XYZ	9.7714, 4.4517, 46.2432
YIQ	44.7680, -43.9790, 53.6610

Conversions

Conversions Part 2

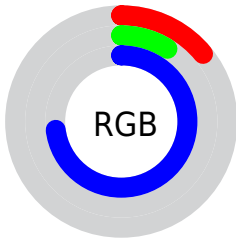
Format	Color
R_{YB}	36, 22, 185
Decimal	2365113
CIE _{Lab}	25.11, 57.02, -79.45
CIE _{LCh}	25, 97.798, 305.668
Yxy	4.4517, 0.1616, 0.0736
Android (android.graphics.Color)	4280555193 (0xFF2416B9)
YUV	44.7680, 69.1344, -7.6895
Hunter-Lab	21.0990, 45.7442, -115.1782

Details

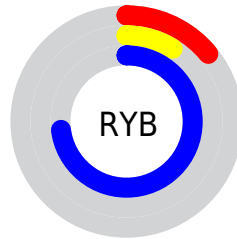
The Hex color **2416B9** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **ABB916**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6F49F3**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **1303B9**, and if you desaturate by 10%, it is **3529B9**.

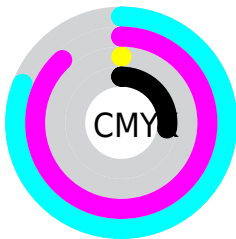
Distribution



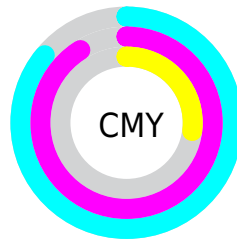
- Red (14%)
- Green (9%)
- Blue (73%)



- Red (14%)
- Yellow (9%)
- Blue (73%)



- Cyan (81%)
- Magenta (88%)
- Yellow (0%)
- Black (27%)



- Cyan (86%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2416B9 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 2416B9 by changing the saturation by 10% instead.

■ 2416B9

■ 2416B9

FFFFFF

■ 00009D

■ 6F49F3

■ 000082

■ 8E63FF

■ 000068

■ AD7DFF

■ 000A4F

■ CB98FF

■ 000537

■ EAB3FF

■ 000221

■ FFCFFF

■ 000005

■ FFECFF

■ 000000

■ 2416B9

■ 2416B9

■ 1303B9

■ 3529B9

■ 1000B9

■ 463BB9

■ 574DB9

■ 6860B9

■ 7972B9

■ 8985B9

■ 9A98B9

■ ABAAB9

■ BCBDB9

Harmonies

Analogous

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



0047D7



2416B9



96007B

Triad

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



2416B9



771500



005249

Complementary

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



2416B9



ABB916

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.



004F00



2416B9



3E3E00

Square

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



2416B9



9F0000



004B00



005493

Rectangle

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



2416B9



AC004A



004B00



00512F

Sweetspot

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



2416B9



B7B1F0



16ABB9



565378



F7F7F7



787878

Same Dimension

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



2416B9



1500F0



7516B9



53535C



0D009C



02001C

Inverse Universe

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



B916AB



F000DB



5AB916



5C535B



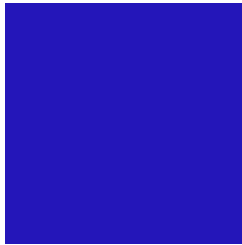
9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 2416B9 looks on a white background.

Color Contrast Check

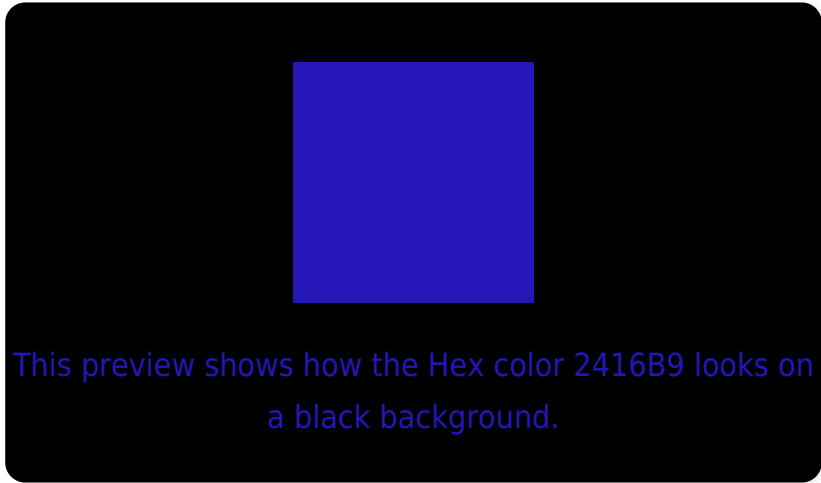
Large Text (above 18pt) WCAG AA ✓ Pass

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

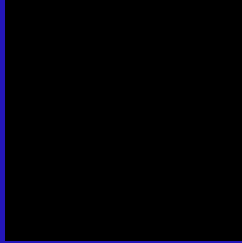
Any Text WCAG AA × Fail

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 2416B9 Background



This preview shows how black text looks on a background with the Hex color 2416B9.



This preview shows how white text looks on a background with the Hex color 2416B9.

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
2416B9

Protanomaly
0D2D91

Deuteranomaly
0D2F85

Tritanomaly
0D3370

Monochromacy



Original Color
2416B9

Achromatopsia
2D2D2D

Achromatomaly
2A2560

CSS Examples

Text

The CSS property to change the color of the text to Hex 2416B9 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 #2416B9 looks like.

```
.text, #text, p{  
    color:#2416B9  
}
```

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 #2416B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2416B9
}
```

Border

The CSS property to change the border of an element to Hex 2416B9 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".

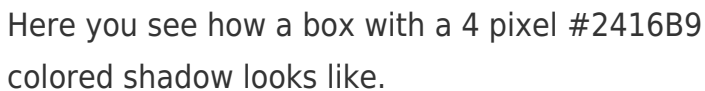
```
.border, #border, table{ border:4px solid
#2416B9 }
```

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

```
.border{ border-color:#2416B9 }
```

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

Here you see how a box with a 4 pixel #2416B9 colored shadow looks like.

A rectangular box with a thick 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 #2416B9; -webkit-box-shadow:4px 4px  
4px 4px #2416B9; box-shadow:4px 4px 4px  
4px #2416B9 }
```

Background

The CSS property to change the background color of an element to Hex 2416B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2416B9 }
```

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

```
.background{ background-color:#2416B9 }
```

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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