

# Converting Colors

Hex(2614C6)

Have a look what the booklet for  
Hex(2614C6) contains.

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# Color

**Hex(2614C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2614C6
RGB	38, 20, 198
RGB Percent	15%, 8%, 78%
CMY	0.8510, 0.9216, 0.2235
CMYK	0.81, 0.90, 0.00, 0.22
HSL	246°, 82%, 43%
HSV	246°, 90%, 78%
XYZ	11.2425, 4.9896, 53.7966
YIQ	45.6740, -46.4100, 59.1740

# Conversions

## Conversions Part 2

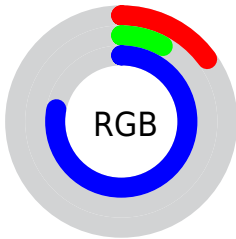
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 20, 198
Decimal	2495686
CIELab	26.71, 61.37, -84.48
CIELCh	27, 104.417, 305.994
Yxy	4.9896, 0.1605, 0.0713
Android (android.graphics.Color)	4280685766 (0xFF2614C6)
YUV	45.6740, 75.0967, -6.7301
Hunter-Lab	22.3374, 50.7495, -127.1558

# Details

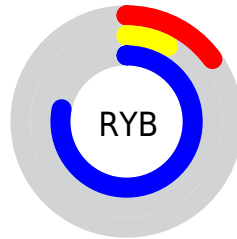
The Hex color **2614C6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B4C614**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **734AFF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **1400C6**, and if you desaturate by 10%, it is **3828C6**.

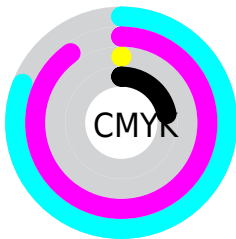
# Distribution



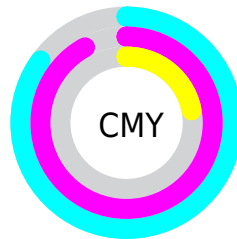
- Red (15%)
- Green (8%)
- Blue (78%)



- Red (15%)
- Yellow (8%)
- Blue (78%)



- Cyan (81%)
- Magenta (90%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (92%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2614C6 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 2614C6 by changing the saturation by 10% instead.



 2614C6

 2614C6

FFFFFF

 0000AA

 734AFF

 00008E

 9364FF

 000074

 B27EFF

 000A5A

 D199FF

 000741

 F0B5FF

 00032A

 FFD1FF

 000115

 FFE0FF

 000000

 2614C6

 2614C6

■ 1400C6

■ 3828C6

■ 4A3CC6

■ 5B4FC6

■ 6D63C6

■ 7F77C6

■ 918BC6

■ A39FC6

■ B4B2C6

■ C6C6C6

# Harmonies

## Analogous

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



004BE7



2614C6



A10082

# Triad

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



2614C6



7E1600



00574E

# Complementary

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



2614C6



B4C614

# 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.



005400



2614C6



404300

# Square

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



2614C6



AA0000



005000



00599E

# Rectangle

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



2614C6



B8004E



005000



005632



# Sweetspot

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



2614C6



C1BAFF



14B4C6



5B5780



000000



808080



# Same Dimension

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



2614C6



1A00FF



7F14C6



5B5A63



1100A3



040024



# Inverse Universe

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



C614B4



FF00E5



5BC614



635A62



A30093

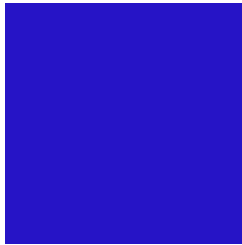


240020



# Previews

## White Background



This preview shows how the Hex color 2614C6 looks on a white background.

## Color Contrast Check

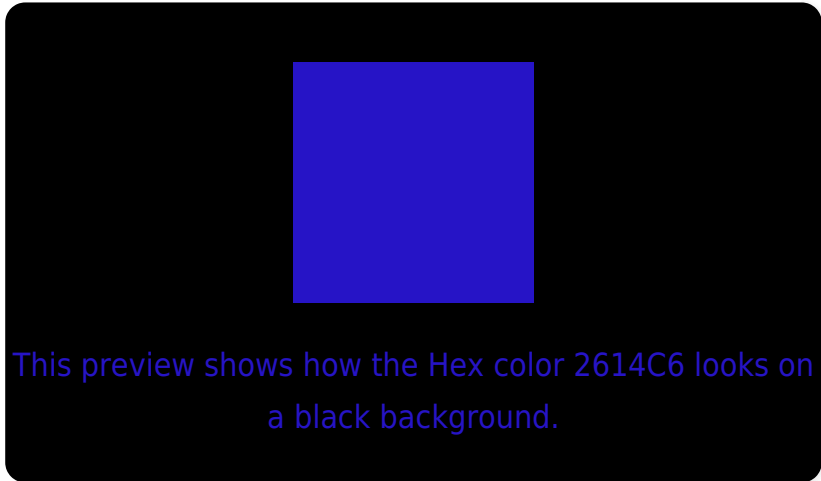
Large Text (above 18pt) WCAG AA ✓ Pass

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

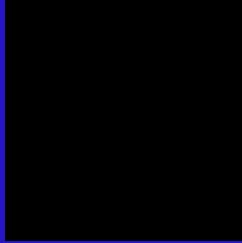
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2614C6 Background



This preview shows how black text looks on a background with the Hex color 2614C6.



This preview shows how white text looks on a background with the Hex color 2614C6.

# 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**  
2614C6

**Protanopia**  
003E81

**Deuteranopia**  
00426D



**Tritanopia**  
00474A

# Trichromacy



**Original Color**  
2614C6

**Protanomaly**  
0E2F9A

**Deuteranomaly**  
0E318D

**Tritanomaly**  
0E3477

# Monochromacy



**Original Color**  
2614C6

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
2B2565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2614C6 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 #2614C6 looks like.

```
.text, #text, p{  
    color:#2614C6  
}
```

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 #2614C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2614C6
}
```

## Border

The CSS property to change the border of an element to Hex 2614C6 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".

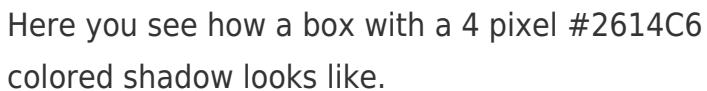
```
.border, #border, table{ border:4px solid
#2614C6 }
```

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

```
.border{ border-color:#2614C6 }
```

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

Here you see how a box with a 4 pixel #2614C6 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 #2614C6; -webkit-box-shadow:4px 4px  
4px 4px #2614C6; box-shadow:4px 4px 4px  
4px #2614C6 }
```

# Background

The CSS property to change the background color of an element to Hex 2614C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2614C6 }
```

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

```
.background{ background-color:#2614C6 }
```

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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