

Converting Colors

Hex(3164C9)

Have a look what the booklet for
Hex(3164C9) contains.

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Color

Hex(3164C9)

Conversions

Conversions Part 1

Format	Color
Hex	3164C9
RGB	49, 100, 201
RGB Percent	19%, 39%, 79%
CMY	0.8078, 0.6078, 0.2118
CMYK	0.76, 0.50, 0.00, 0.21
HSL	220°, 61%, 49%
HSV	220°, 76%, 79%
XYZ	16.3664, 13.9844, 57.0950
YIQ	96.2650, -62.8170, 20.5990

Conversions

Conversions Part 2

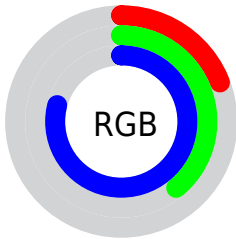
Format	Color
R_{YB}	49, 87, 201
Decimal	3237065
CIE _{Lab}	44.21, 18.64, -57.47
CIE _{LCh}	44, 60.415, 287.972
Yxy	13.9844, 0.1872, 0.1599
Android (android.graphics.Color)	4281427145 (0xFF3164C9)
YUV	96.2650, 51.6344, -41.4514
Hunter-Lab	37.3957, 12.6791, -64.3459

Details

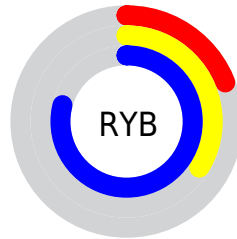
The Hex color **3164C9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C99631**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7496FF**, and **003692** is the 20% darker color. If you saturate the color by 10%, you get **1D57C9**, and if you desaturate by 10%, it is **4571C9**.

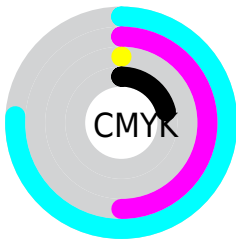
Distribution



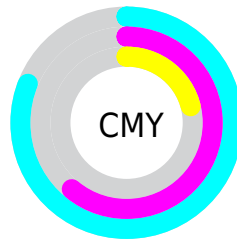
- Red (19%)
- Green (39%)
- Blue (79%)



- Red (19%)
- Yellow (34%)
- Blue (79%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (81%)
- Magenta (61%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3164C9 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 3164C9 by changing the saturation by 10% instead.

■ 3164C9

■ 3164C9

FFFFFF

■ 004DAD

■ 7496FF

■ 003692

■ 92B1FF

■ 002278

■ B0CCFF

■ 000E5E

■ CEE8FF

■ 000846

■ ECFFFF

■ 00042E

■ 000119

■ 000000

■ 3164C9

■ 3164C9

■ 1D57C9

■ 4571C9

■ 0949C9

■ 597FC9

■ 0043C9

■ 6D8CC9

■ 8199C9

■ 96A7C9

■ AAB4C9

■ BEC1C9

■ D2CFC9

■ E6DCC9

Harmonies

Analogous

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



0074CB



3164C9



8F4CAD

Triad

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



3164C9



B0481D



007E52

Complementary

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



3164C9



C99631

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.



1C791D



3164C9



8F5F00

Square

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



3164C9



C0314D



626F00



007F86

Rectangle

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



3164C9



AE3A8F



626F00



007C40

Sweetspot

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



3164C9



C4D8FF



31C994



5C6880



000000



808080

Same Dimension

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



3164C9



1765FF



4831C9



5A5D63



0037A3



000C24

Inverse Universe

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



C93164



FF1765



B2C931



635A5D



A30037



24000C

Previews

White Background



This preview shows how the Hex color 3164C9 looks on a white background.

Color Contrast Check

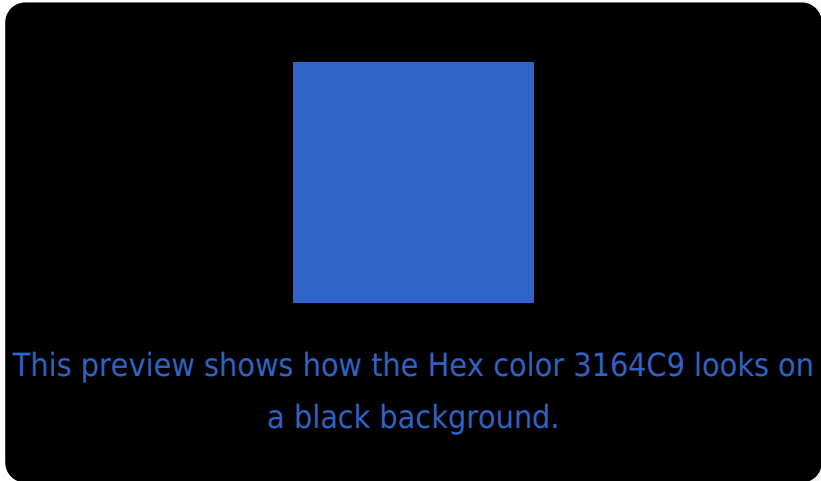
Large Text (above 18pt) WCAG AA ✓ Pass

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

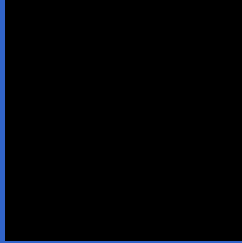
Any Text WCAG AA × Fail

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 3164C9 Background



This preview shows how black text looks on a background with the Hex color 3164C9.



This preview shows how white text looks on a background with the Hex color 3164C9.

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
3164C9

Protanomaly
2E65CA

Deuteranomaly
1268BF

Monochromacy



Original Color
3164C9

Achromatopsia
606060

Achromatomaly
4F6186

CSS Examples

Text

The CSS property to change the color of the text to Hex 3164C9 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 #3164C9 looks like.

```
.text, #text, p{  
    color:#3164C9  
}
```

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 #3164C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3164C9
}
```

Border

The CSS property to change the border of an element to Hex 3164C9 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
#3164C9 }
```

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

```
.border{ border-color:#3164C9 }
```

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

Here you see how a box with a 4 pixel #3164C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3164C9; -webkit-box-shadow:4px 4px  
4px 4px #3164C9; box-shadow:4px 4px 4px  
4px #3164C9 }
```

Background

The CSS property to change the background color of an element to Hex 3164C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3164C9 }
```

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

```
.background{ background-color:#3164C9 }
```

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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