

# Converting Colors

Hex(2364DA)

Have a look what the booklet for  
Hex(2364DA) contains.

<b>Hex(2364DA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(2364DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2364DA
RGB	35, 100, 218
RGB Percent	14%, 39%, 85%
CMY	0.8627, 0.6078, 0.1451
CMYK	0.84, 0.54, 0.00, 0.15
HSL	219°, 72%, 50%
HSV	219°, 84%, 85%
XYZ	17.9052, 14.5336, 68.1912
YIQ	94.0170, -76.6180, 22.9180

# Conversions

## Conversions Part 2

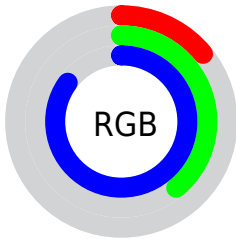
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 83, 218
Decimal	2319578
CIE <sub>Lab</sub>	44.99, 23.74, -65.96
CIE <sub>LCh</sub>	45, 70.105, 289.798
Yxy	14.5336, 0.1779, 0.1444
Android (android.graphics.Color)	4280509658 (0xFF2364DA)
YUV	94.0170, 61.1236, -51.7579
Hunter-Lab	38.1230, 17.1207, -79.3669

# Details

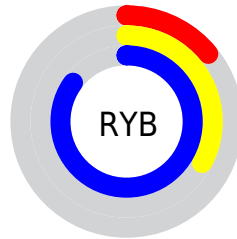
The Hex color **2364DA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DA9923**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7196FF**, and **0037A2** is the 20% darker color. If you saturate the color by 10%, you get **0D56DA**, and if you desaturate by 10%, it is **3972DA**.

# Distribution



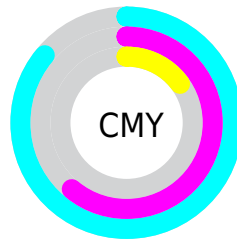
- Red (14%)
- Green (39%)
- Blue (85%)



- Red (14%)
- Yellow (33%)
- Blue (85%)



- Cyan (84%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (86%)
- Magenta (61%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2364DA 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 2364DA by changing the saturation by 10% instead.



 2364DA

 2364DA

FFFFFF

 004DBE

 7196FF

 0037A2

 90B1FF

 002387

 AFCCFF

 00116D

 CEE8FF


 000A54

 EDFFFF

 00063C

 000225

 00010D

 000000

■ 2364DA

■ 2364DA

■ 0D56DA

■ 3972DA

■ 004DDA

■ 4F80DA

■ 648EDA

■ 7A9CDA

■ 90AADA

■ A6B8DA

■ BCC6DA

■ D1D4DA

■ E7E3DA

# Harmonies

## Analogous

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



0078DF



2364DA



9B44B7

# Triad

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



2364DA



BA4408



008254

# Complementary

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



2364DA



DA9923

# 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.



007D10



2364DA



926100

# Square

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



2364DA



CE1F47



5D7300



008391

# Rectangle

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



2364DA



BC2A94



5D7300



00813F



# Sweetspot

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



2364DA



BFD6FF



23DA97



596780



000000



808080



# Same Dimension

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



2364DA



005BFF



3B23DA



63676E



003EAD



00102E



# Inverse Universe

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



DA2364



FF005B



C2DA23



6E6367



AD003E



2E0010



# Previews

## White Background



This preview shows how the Hex color 2364DA looks on a white background.

## Color Contrast Check

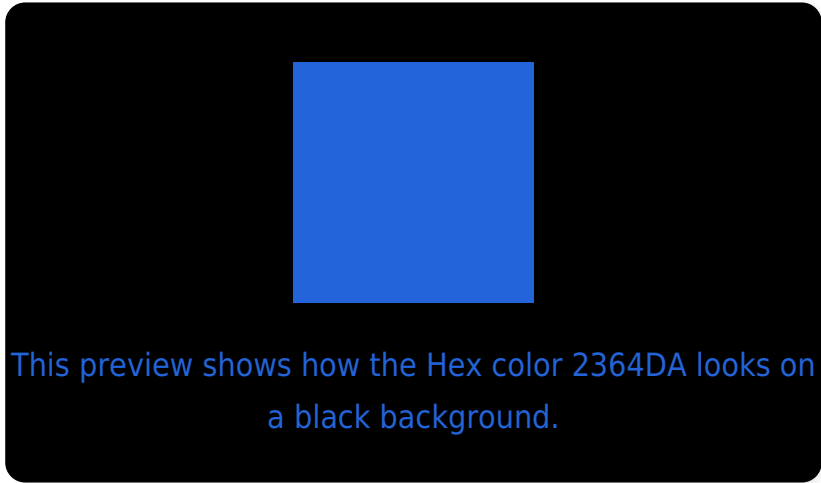
Large Text (above 18pt) WCAG AA ✓ Pass

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

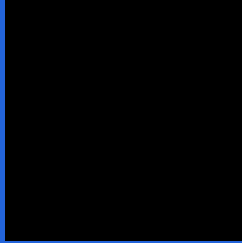
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2364DA Background



This preview shows how black text looks on a background with the Hex color 2364DA.



This preview shows how white text looks on a background with the Hex color 2364DA.

# 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**  
2364DA

**Deuteranopia**  
006CBB

# Trichromacy



**Original Color**  
2364DA

**Deuteranomaly**  
0D69C6

# Monochromacy



**Original Color**  
2364DA

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
49608B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2364DA 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 #2364DA looks like.

```
.text, #text, p{
  color:#2364DA
}
```

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 #2364DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2364DA
}
```

## Border

The CSS property to change the border of an element to Hex 2364DA 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
#2364DA }
```

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

```
.border{ border-color:#2364DA }
```

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

Here you see how a box with a 4 pixel #2364DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2364DA; -webkit-box-shadow:4px 4px  
4px 4px #2364DA; box-shadow:4px 4px 4px  
4px #2364DA }
```

# Background

The CSS property to change the background color of an element to Hex 2364DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2364DA }
```

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

```
.background{ background-color:#2364DA }
```

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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor