

# Converting Colors

Hex(2361AB)

Have a look what the booklet for  
Hex(2361AB) contains.

<b>Hex(2361AB)</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> .....	29

# Color

**Hex(2361AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2361AB
RGB	35, 97, 171
RGB Percent	14%, 38%, 67%
CMY	0.8627, 0.6196, 0.3294
CMYK	0.80, 0.43, 0.00, 0.33
HSL	213°, 66%, 40%
HSV	213°, 80%, 67%
XYZ	12.3185, 11.8470, 40.1655
YIQ	86.8980, -60.7060, 9.8700

# Conversions

## Conversions Part 2

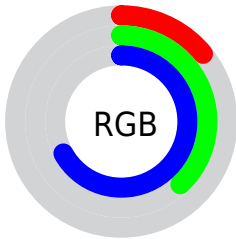
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 78, 171
Decimal	2318763
CIELab	40.97, 7.46, -45.21
CIELCh	41, 45.822, 279.375
Yxy	11.8470, 0.1915, 0.1842
Android (android.graphics.Color)	4280508843 (0xFF2361AB)
YUV	86.8980, 41.4623, -45.5145
Hunter-Lab	34.4195, 3.6500, -45.0944

# Details

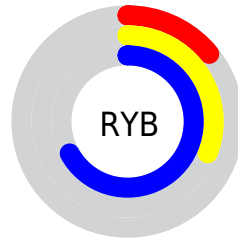
The Hex color **2361AB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB6D23**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6593E3**, and **003476** is the 20% darker color. If you saturate the color by 10%, you get **1258AB**, and if you desaturate by 10%, it is **346AAB**.

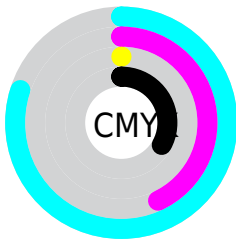
# Distribution



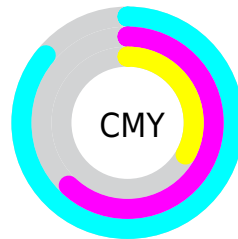
- Red (14%)
- Green (38%)
- Blue (67%)



- Red (14%)
- Yellow (31%)
- Blue (67%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)



- Cyan (86%)
- Magenta (62%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2361AB 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 2361AB by changing the saturation by 10% instead.



■ 2361AB

■ 2361AB

FFFFFF

■ 004A90

■ 6593E3

■ 003476

■ 82AEFF

■ 001F5D

■ A0C9FF

■ 000545

■ BDE5FF

■ 00032E

■ DAFFFF

■ 000118

■ F8FFFF

■ 000000

■ 2361AB

■ 2361AB

■ 1258AB

■ 346AAB

■ 014EAB

■ 4574AB

■ 004EAB

■ 567DAB

■ 6786AB

■ 7990AB

■ 8A99AB

■ 9BA2AB

■ ACABAB

■ BDB5AB

# Harmonies

## Analogous

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



006CA7



2361AB



71519B

# Triad

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



2361AB



9E4633



007145

# Complementary

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



2361AB



AB6D23

# 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.



406C22



2361AB



885516

# Square

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



2361AB



A43C56



69630A



00726C

# Rectangle

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



2361AB



8D4687



69630A



106F38



# Sweetspot

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



2361AB



A9C1DE



23AB6C



505E70



F0F0F0



707070



# Same Dimension

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



2361AB



0B6BDE



2823AB



4E5257



004596



000A17



# Inverse Universe

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



AB2361



DE0B6B



A6AB23



574E52



960045



17000A



# Previews

## White Background



This preview shows how the Hex color 2361AB looks on a white background.

## Color Contrast Check

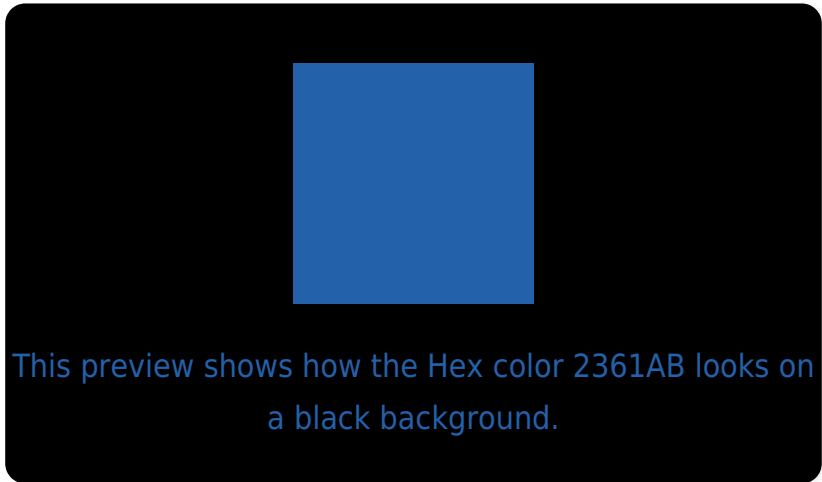
Large Text (above 18pt) WCAG AA ✓ Pass

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

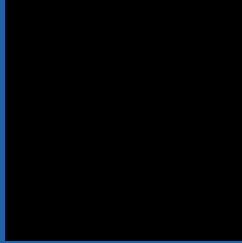
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2361AB Background



This preview shows how black text looks on a background with the Hex color 2361AB.

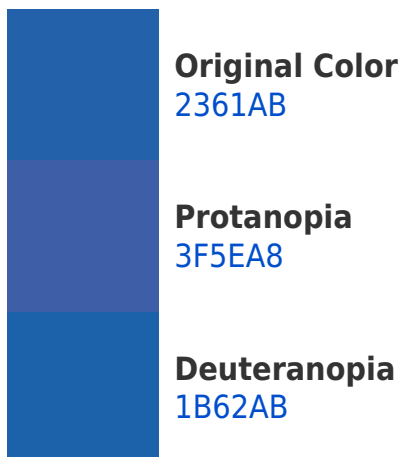


This preview shows how white text looks on a background with the Hex color 2361AB.

# 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](#).

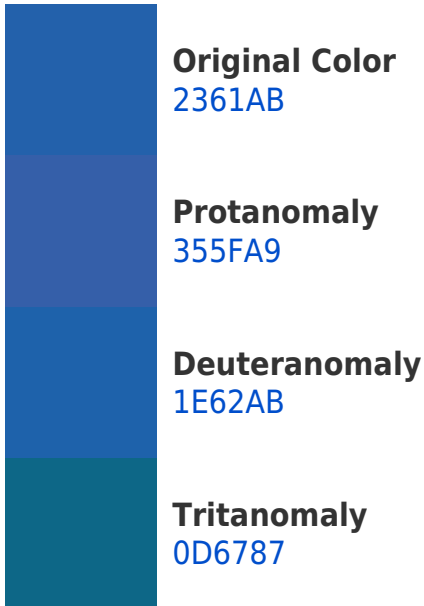
## Dichromacy



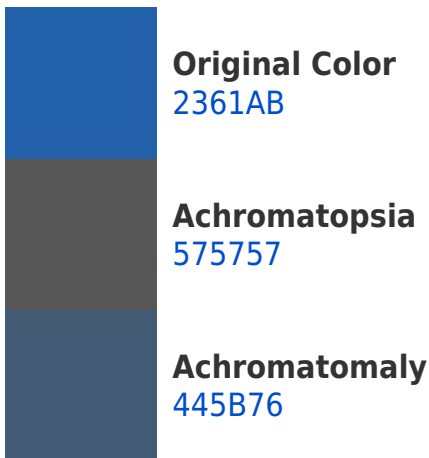


**Tritanopia**  
006B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2361AB 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 #2361AB looks like.

```
.text, #text, p{  
    color:#2361AB  
}
```

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 #2361AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2361AB
}
```

## Border

The CSS property to change the border of an element to Hex 2361AB 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
#2361AB }
```

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

```
.border{ border-color:#2361AB }
```

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

Here you see how a box with a 4 pixel #2361AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2361AB; -webkit-box-shadow:4px 4px  
4px 4px #2361AB; box-shadow:4px 4px 4px  
4px #2361AB }
```

# Background

The CSS property to change the background color of an element to Hex 2361AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2361AB }
```

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

```
.background{ background-color:#2361AB }
```

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