

Converting Colors

Decimal(2314660)

Have a look what the booklet for
Decimal(2314660) contains.

Decimal(2314660)	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

Decimal(2314660)

Conversions

Conversions Part 1

Format	Color
Hex	2351A4
RGB	35, 81, 164
RGB Percent	14%, 32%, 64%
CMY	0.8627, 0.6824, 0.3569
CMYK	0.79, 0.51, 0.00, 0.36
HSL	219°, 65%, 39%
HSV	219°, 79%, 64%
XYZ	10.3364, 8.9225, 36.2994
YIQ	76.7080, -54.0590, 16.0610

Conversions

Conversions Part 2

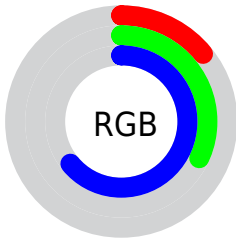
Format	Color
RYB	35, 69, 164
Decimal	2314660
CIELab	35.83, 15.24, -49.31
CIELCh	36, 51.609, 287.170
Yxy	8.9225, 0.1860, 0.1606
Android (android.graphics.Color)	4280504740 (0xFF2351A4)
YUV	76.7080, 43.0350, -36.5779
Hunter-Lab	29.8706, 9.4945, -51.1411

Details

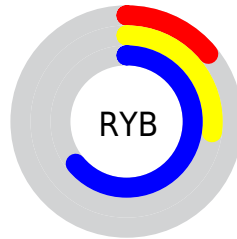
The Decimal color **2314660** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **10778147**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **6587100**, and **9839** is the 20% darker color. If you saturate the color by 10%, you get **1263268**, and if you desaturate by 10%, it is **3366052**.

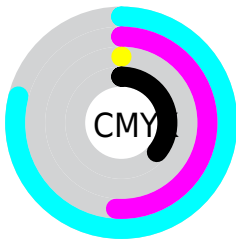
Distribution



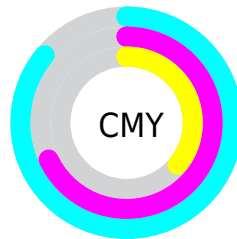
- Red (14%)
- Green (32%)
- Blue (64%)



- Red (14%)
- Yellow (27%)
- Blue (64%)



- Cyan (79%)
- Magenta (51%)
- Yellow (0%)
- Black (36%)



- Cyan (86%)
- Magenta (68%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2314660 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 Decimal color 2314660 by changing the saturation by 10% instead.

■ 2314660

■ 2314660

16777215

■ 14985

■ 6587100

■ 9839

■ 8494328

■ 4694

■ 10401535

■ 1598

■ 12309247

■ 808

■ 14216959

■ 273

■ 16187391

■ 0

■ 2314660

■ 2314660

■ 1263268

■ 3366052

■ 146596

■ 4482724

■ 15012

■ 5534116

■ 6650788

■ 7702180

■ 8753316

■ 9870244

■ 10921380

■ 12038308

Harmonies

Analogous

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



24229



2314660



7552397

Triad

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



2314660



9451799



26176

Complementary

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



2314660



10778147

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.



1663509



2314660



7687168

Square

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



2314660



10299199



5265920



26476

Rectangle

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



2314660



9252725



5265920



25906

Sweetspot

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



2314660



10728918



2335861



5003115



15461355



7039851

Same Dimension

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



2314660



873942



3416996



4803666



13457



1554

Inverse Universe

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



10756945



14028117



9675811



5392716



9502772



1179654

Previews

White Background



This preview shows how the Decimal color 2314660 looks on a white background.

Color Contrast Check

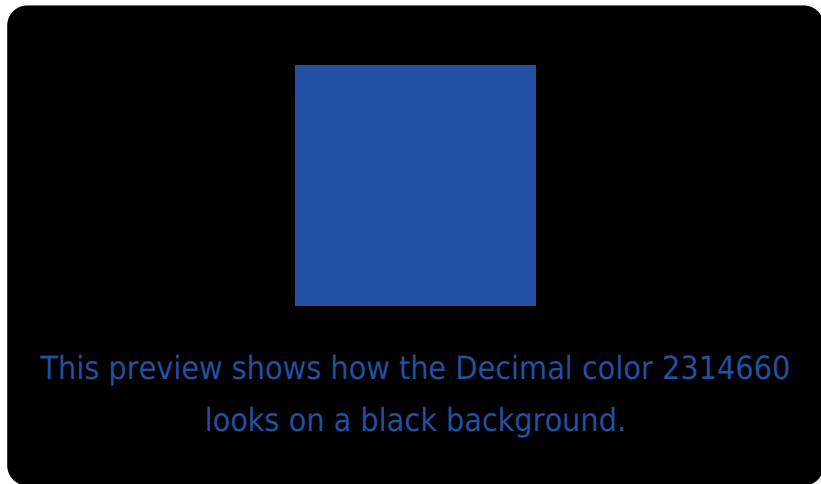
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 2314660 Background



This preview shows how black text looks on a background with the Decimal color 2314660.



This preview shows how white text looks on a background with the Decimal color 2314660.

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
2314660

Protanomaly
2249124

Deuteranomaly
873627

Tritanomaly
874875

Monochromacy



Original Color
2314660

Achromatopsia
5066061

Achromatomaly
4083309

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2314660 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 #2351A4 looks like.

```
.text, #text, p{  
    color:#2351A4  
}
```

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 #2351A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2351A4
}
```

Border

The CSS property to change the border of an element to Decimal 2314660 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
#2351A4 }
```

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

```
.border{ border-color:#2351A4 }
```

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

Here you see how a box with a 4 pixel #2351A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2351A4; -webkit-box-shadow:4px 4px  
4px 4px #2351A4; box-shadow:4px 4px 4px  
4px #2351A4 }
```

Background

The CSS property to change the background color of an element to Hexadecimal #2351A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2351A4 }
```

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

```
.background{ background-color:#2351A4 }
```

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