

Converting Colors

Decimal(2311593)

Have a look what the booklet for
Decimal(2311593) contains.

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Color

Decimal(2311593)

Conversions

Conversions Part 1

Format	Color
Hex	2345A9
RGB	35, 69, 169
RGB Percent	14%, 27%, 66%
CMY	0.8627, 0.7294, 0.3373
CMYK	0.79, 0.59, 0.00, 0.34
HSL	225°, 66%, 40%
HSV	225°, 79%, 66%
XYZ	9.9827, 7.4781, 38.4534
YIQ	70.2340, -52.3640, 23.8920

Conversions

Conversions Part 2

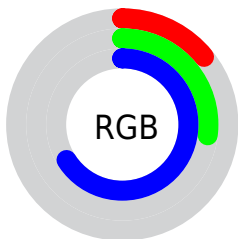
Format	Color
R_{YB}	35, 62, 169
Decimal	2311593
CIE _{Lab}	32.87, 25.25, -57.11
CIE _{LCh}	33, 62.442, 293.855
Y _{xy}	7.4781, 0.1785, 0.1337
Android (android.graphics.Color)	4280501673 (0xFF2345A9)
YUV	70.2340, 48.6916, -30.9002
Hunter-Lab	27.3462, 17.3054, -64.2295

Details

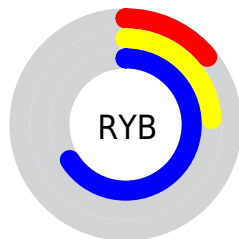
The Decimal color **2311593** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11110179**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **6714849**, and **7028** is the 20% darker color. If you saturate the color by 10%, you get **1194153**, and if you desaturate by 10%, it is **3429033**.

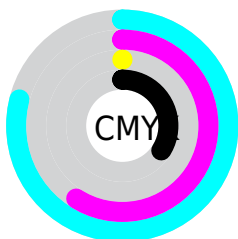
Distribution



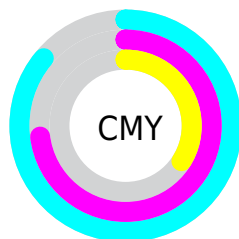
- Red (14%)
- Green (27%)
- Blue (66%)



- Red (14%)
- Yellow (24%)
- Blue (66%)



- Cyan (79%)
- Magenta (59%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (73%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2311593 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 2311593 by changing the saturation by 10% instead.

■ 2311593

■ 2311593

16777215

■ 12174

■ 6714849

■ 7028

■ 8621822

■ 1115

■ 10594815

■ 1858

■ 12502271

■ 811

■ 14475519

■ 277

■ 16448767

■ 0

■ 2311593

■ 2311593

■ 1194153

■ 3429033

■ 76969

■ 4546217

■ 11177

■ 5663657

■ 6780841

■ 7832745

■ 8950185

■ 10067369

■ 11184809

■ 12302249

Harmonies

Analogous

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



22449



2311593



8136328

Triad

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



2311593



9121536



24897

Complementary

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



2311593



11110179

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.



23814



2311593



6834176

Square

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



2311593



10354729



3823104



25204

Rectangle

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



2311593



9765226



3823104



24624

Sweetspot

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



2311593



10990811



2337157



5133934



15592941



7237230

Same Dimension

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



2311593



737499



4334505



5000788



9876



1300

Inverse Universe

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



11084613



14355264



9087267



5524558



9699366



1310725

Previews

White Background



This preview shows how the Decimal color 2311593 looks on a white background.

Color Contrast Check

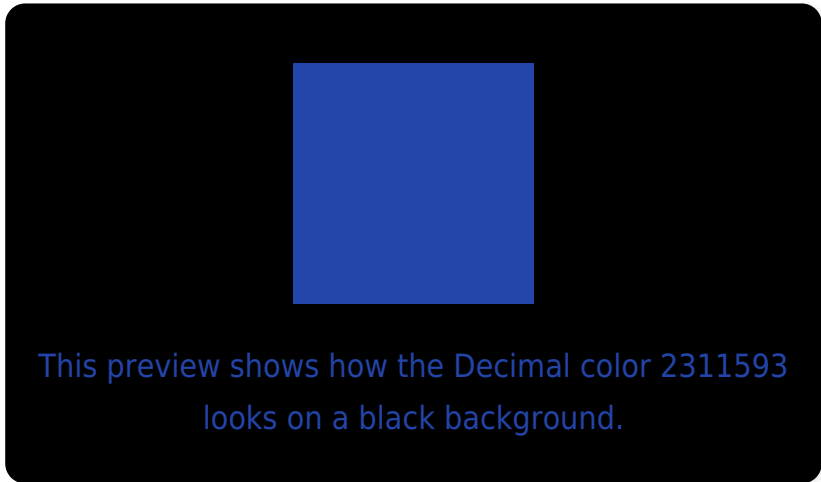
Large Text (above 18pt) WCAG AA ✓ Pass

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

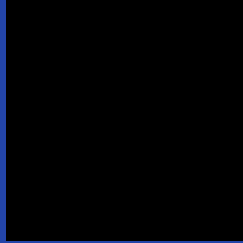
Any Text WCAG AA × Fail

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 2311593 Background



This preview shows how black text looks on a background with the Decimal color 2311593.



This preview shows how white text looks on a background with the Decimal color 2311593.

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
2311593

Protanomaly
870561

Deuteranomaly
871315

Tritanomaly
872567

Monochromacy



Original Color
2311593

Achromatopsia
4605510

Achromatomaly
3753578

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2311593 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 #2345A9 looks like.

```
.text, #text, p{  
  color:#2345A9  
}
```

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 #2345A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2345A9
}
```

Border

The CSS property to change the border of an element to Decimal 2311593 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".

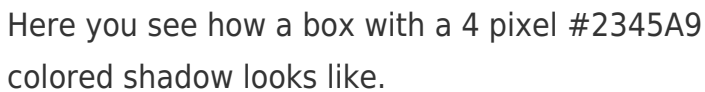
```
.border, #border, table{ border:4px solid
#2345A9 }
```

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

```
.border{ border-color:#2345A9 }
```

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

Here you see how a box with a 4 pixel #2345A9 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 #2345A9; -webkit-box-shadow:4px 4px  
4px 4px #2345A9; box-shadow:4px 4px 4px  
4px #2345A9 }
```

Background

The CSS property to change the background color of an element to Decimal 2311593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2345A9 }
```

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

```
.background{ background-color:#2345A9 }
```

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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