

Converting Colors

Decimal(2301582)

Have a look what the booklet for
Decimal(2301582) contains.

Decimal(2301582)	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(2301582)

Conversions

Conversions Part 1

Format	Color
Hex	231E8E
RGB	35, 30, 142
RGB Percent	14%, 12%, 56%
CMY	0.8627, 0.8824, 0.4431
CMYK	0.75, 0.79, 0.00, 0.44
HSL	243°, 65%, 34%
HSV	243°, 79%, 56%
XYZ	6.0399, 3.2389, 25.8980
YIQ	44.2630, -32.9720, 35.8920

Conversions

Conversions Part 2

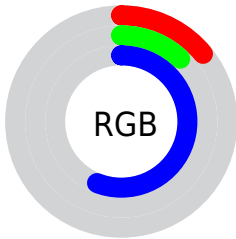
Format	Color
R_{YB}	35, 30, 142
Decimal	2301582
CIE _{Lab}	20.98, 40.15, -60.17
CIE _{LCh}	21, 72.330, 303.714
Yxy	3.2389, 0.1717, 0.0921
Android (android.graphics.Color)	4280491662 (0xFF231E8E)
YUV	44.2630, 48.1843, -8.1237
Hunter-Lab	17.9968, 28.4116, -72.7223

Details

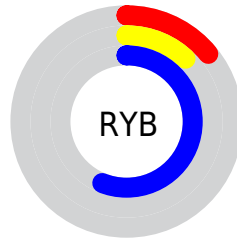
The Decimal color **2301582** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9014814**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **6442181**, and **90** is the 20% darker color. If you saturate the color by 10%, you get **1380494**, and if you desaturate by 10%, it is **3222670**.

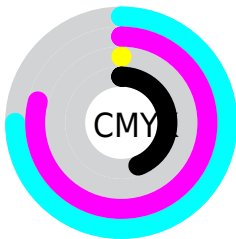
Distribution



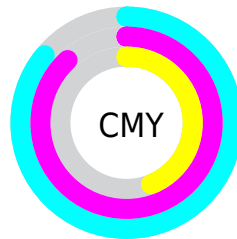
- Red (14%)
- Green (12%)
- Blue (56%)



- Red (14%)
- Yellow (12%)
- Blue (56%)



- Cyan (75%)
- Magenta (79%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (88%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2301582 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 2301582 by changing the saturation by 10% instead.

■ 2301582

■ 2301582

16777215

■ 1908

■ 6442181

■ 90

■ 8349153

■ 1602

■ 10256126

■ 811

■ 12163583

■ 277

■ 14071039

■ 0

■ 16044031

■ 16772351

■ 2301582

■ 2301582

■ 1380494

■ 3222670

■ 524942

■ 4078222

■ 393358

■ 4999566

■ 5855118

■ 6776206

■ 7631758

■ 8552846

■ 9474190

■ 10329742

Harmonies

Analogous

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



15009



2301582



7471203

Triad

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



2301582



6428672



17464

Complementary

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



2301582



9014814

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.



16896



2301582



3748608

Square

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



2301582



8323072



15872



17774

Rectangle

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



2301582



8650816



15872



17445

Sweetspot

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



2301582



9342136



2001550



4342108



14408667



6052956

Same Dimension

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



2301582



1116600



5906062



4276295



393351



8

Inverse Universe

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



9313929



12061104



5410334



4669511



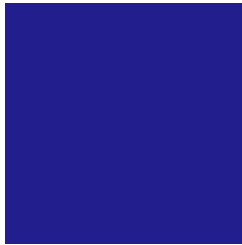
8847489



524295

Previews

White Background



This preview shows how the Decimal color 2301582 looks on a white background.

Color Contrast Check

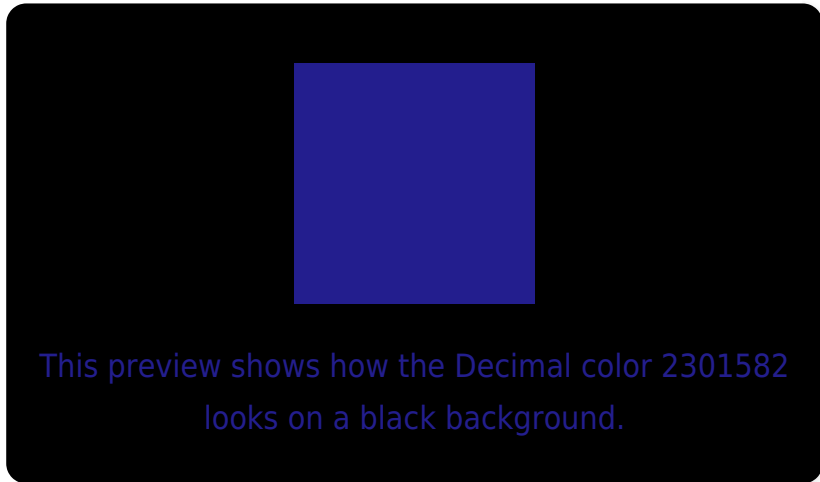
Large Text (above 18pt) WCAG AA ✓ Pass

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

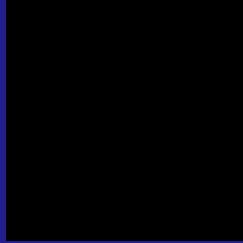
Any Text WCAG AA × Fail

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 2301582 Background



This preview shows how black text looks on a background with the Decimal color 2301582.



This preview shows how white text looks on a background with the Decimal color 2301582.

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
14652

Trichromacy



Original Color
2301582

Protanomaly
862838

Deuteranomaly
863596

Tritanomaly
864090

Monochromacy



Original Color
2301582

Achromatopsia
2894892

Achromatomaly
2697040

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2301582 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 #231E8E looks like.

```
.text, #text, p{  
    color:#231E8E  
}
```

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 #231E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231E8E
}
```

Border

The CSS property to change the border of an element to Decimal 2301582 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
#231E8E }
```

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

```
.border{ border-color:#231E8E }
```

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

Here you see how a box with a 4 pixel #231E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231E8E; -webkit-box-shadow:4px 4px  
4px 4px #231E8E; box-shadow:4px 4px 4px  
4px #231E8E }
```

Background

The CSS property to change the background color of an element to Decimal 2301582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231E8E }
```

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

```
.background{ background-color:#231E8E }
```

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