

Converting Colors

Decimal(2171308)

Have a look what the booklet for
Decimal(2171308) contains.

Decimal(2171308)	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(2171308)

Conversions

Conversions Part 1

Format	Color
Hex	2121AC
RGB	33, 33, 172
RGB Percent	13%, 13%, 67%
CMY	0.8706, 0.8706, 0.3255
CMYK	0.81, 0.81, 0.00, 0.33
HSL	240°, 68%, 40%
HSV	240°, 81%, 67%
XYZ	8.6174, 4.3896, 39.4228
YIQ	48.8460, -44.6190, 43.2290

Conversions

Conversions Part 2

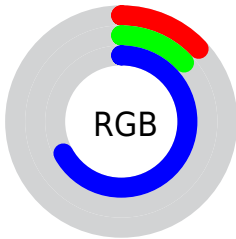
Format	Color
R_{YB}	33, 33, 172
Decimal	2171308
CIE _{Lab}	24.92, 48.24, -72.00
CIE _{LCh}	25, 86.665, 303.825
Yxy	4.3896, 0.1644, 0.0837
Android (android.graphics.Color)	4280361388 (0xFF2121AC)
YUV	48.8460, 60.7149, -13.8969
Hunter-Lab	20.9514, 36.7534, -96.8961

Details

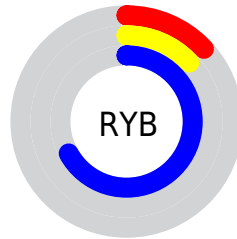
The Decimal color **2171308** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **11316257**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **6902245**, and **118** is the 20% darker color. If you saturate the color by 10%, you get **1052844**, and if you desaturate by 10%, it is **3289772**.

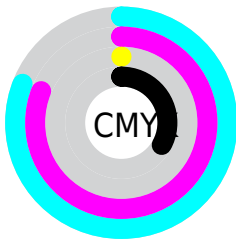
Distribution



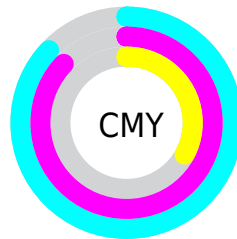
- Red (13%)
- Green (13%)
- Blue (67%)



- Red (13%)
- Yellow (13%)
- Blue (67%)



- Cyan (81%)
- Magenta (81%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2171308 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 2171308 by changing the saturation by 10% instead.

■ 2171308

■ 2171308

16777215

■ 2193

■ 6902245

■ 118

■ 8874751

■ 92

■ 10847487

■ 1860

■ 12820223

■ 813

■ 14858751

■ 279

■ 16766463

■ 0

■ 16773887

■ 2171308

■ 2171308

■ 1052844

■ 3289772

■ 172

■ 4408236

■ 5592492

■ 6710956

■ 7829420

■ 8947884

■ 10066348

■ 11250604

■ 12369068

Harmonies

Analogous

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



17860



2171308



8978551

Triad

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



2171308



7608576



20547

Complementary

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



2171308



11316257

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.



19968



2171308



4340736

Square

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



2171308



9895936



18688



21125

Rectangle

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



2171308



10354764



18688



20267

Sweetspot

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



2171308



11250656



2206892



5263472



15790320



7368816

Same Dimension

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



2171308



460768



6758828



5131863



150



23

Inverse Universe

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



11280812



14682080



6794273



5721687



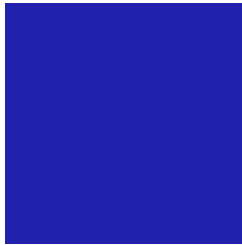
9830550



1507351

Previews

White Background



This preview shows how the Decimal color 2171308 looks on a white background.

Color Contrast Check

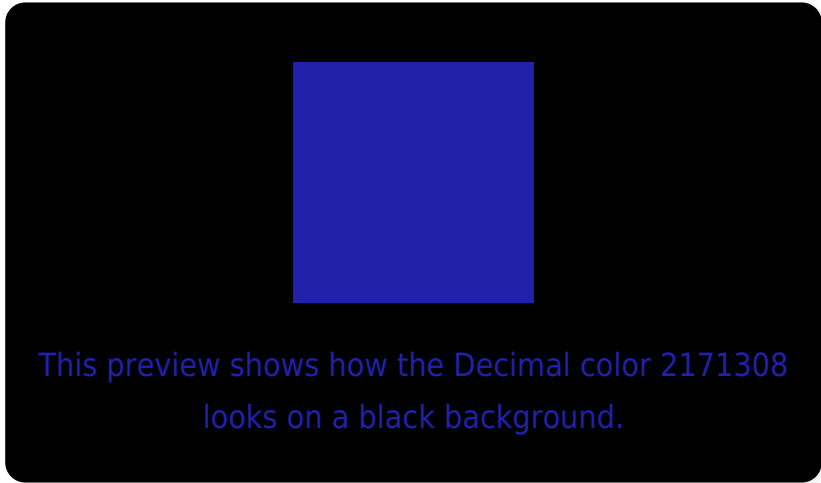
Large Text (above 18pt) WCAG AA ✓ Pass

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

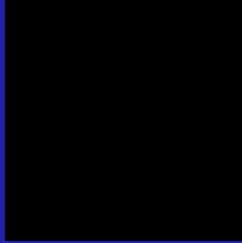
Any Text WCAG AA × Fail

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 2171308 Background



This preview shows how black text looks on a background with the Decimal color 2171308.



This preview shows how white text looks on a background with the Decimal color 2171308.

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
16966

Trichromacy



Original Color
2171308

Protanomaly
798860

Deuteranomaly
799615

Tritanomaly
800363

Monochromacy



Original Color
2171308

Achromatopsia
3223857

Achromatomaly
2829150

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2171308 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 #2121AC looks like.

```
.text, #text, p{  
  color:#2121AC  
}
```

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 #2121AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2121AC }  
}
```

Border

The CSS property to change the border of an element to Decimal 2171308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

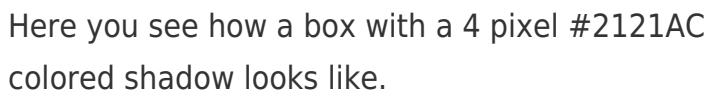
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #2121AC }  
}
```

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

```
.border{ border-color:#2121AC }
```

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



Here you see how a box with a 4 pixel #2121AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2121AC; -webkit-box-shadow:4px 4px  
4px 4px #2121AC; box-shadow:4px 4px 4px  
4px #2121AC }
```

Background

The CSS property to change the background color of an element to Decimal 2171308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2121AC }
```

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

```
.background{ background-color:#2121AC }
```

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