

Converting Colors

Decimal(2387168)

Have a look what the booklet for
Decimal(2387168) contains.

Decimal(2387168)	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(2387168)

Conversions

Conversions Part 1

Format	Color
Hex	246CE0
RGB	36, 108, 224
RGB Percent	14%, 42%, 88%
CMY	0.8588, 0.5765, 0.1216
CMYK	0.84, 0.52, 0.00, 0.12
HSL	217°, 75%, 51%
HSV	217°, 84%, 88%
XYZ	19.5447, 16.4820, 72.6722
YIQ	99.6960, -80.1480, 20.8120

Conversions

Conversions Part 2

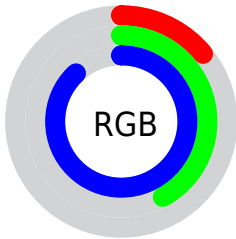
Format	Color
R_{YB}	36, 88, 224
Decimal	2387168
CIE _{Lab}	47.60, 20.98, -65.13
CIE _{LCh}	48, 68.423, 287.856
Yxy	16.4820, 0.1798, 0.1516
Android (android.graphics.Color)	4280577248 (0xFF246CE0)
YUV	99.6960, 61.2819, -55.8614
Hunter-Lab	40.5980, 14.8867, -77.7130

Details

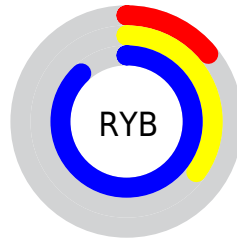
The Decimal color **2387168** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **14719012**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **7512063**, and **16040** is the 20% darker color. If you saturate the color by 10%, you get **941792**, and if you desaturate by 10%, it is **3832544**.

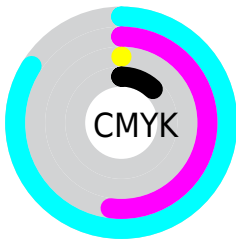
Distribution



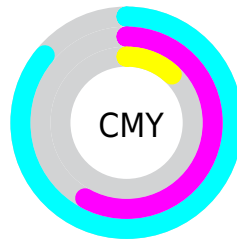
- Red (14%)
- Green (42%)
- Blue (88%)



- Red (14%)
- Yellow (35%)
- Blue (88%)



- Cyan (84%)
- Magenta (52%)
- Yellow (0%)
- Black (12%)



- Cyan (86%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2387168 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 2387168 by changing the saturation by 10% instead.

■ 2387168

■ 2387168

16777215

■ 21700

■ 7512063

■ 16040

■ 9615871

■ 10637

■ 11654655

■ 6258

■ 13693439

■ 1369

■ 15728639

■ 1857

■ 810

■ 276

■ 0

■ 2387168

■ 2387168

■ 941792

■ 3832544

■ 22240

■ 5343456

■ 6788576

■ 8299488

■ 9744864

■ 11190240

■ 12701152

■ 14146528

■ 15657184

Harmonies

Analogous

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



32739



2387168



10309567

Triad

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



2387168



12732953



35159

Complementary

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



2387168



14719012

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.



819991



2387168



10249728

Square

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



2387168



13904977



6912256



35475

Rectangle

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



2387168



12597406



6912256



34626

Sweetspot

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



2387168



12572927



2416792



5859456



0



8421504

Same Dimension

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



2387168



25343



3810528



6646128



17328



4912

Inverse Universe

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



14689388



16711778



13295652



7365993



11534403



3145747

Previews

White Background



This preview shows how the Decimal color 2387168 looks on a white background.

Color Contrast Check

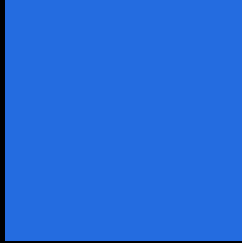
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 2387168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

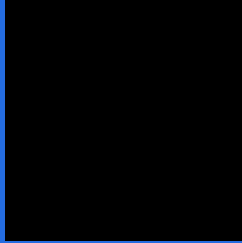
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

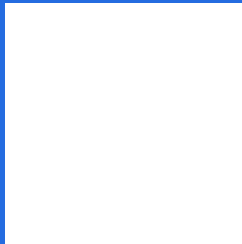
Any Text WCAG AAA × Fail

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

Decimal 2387168 Background



This preview shows how black text looks on a background with the Decimal color 2387168.

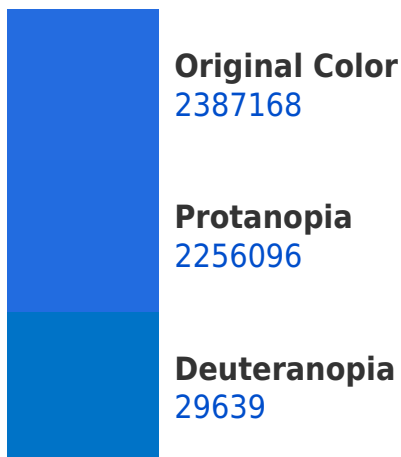


This preview shows how white text looks on a background with the Decimal color 2387168.

Color Blindness Simulation

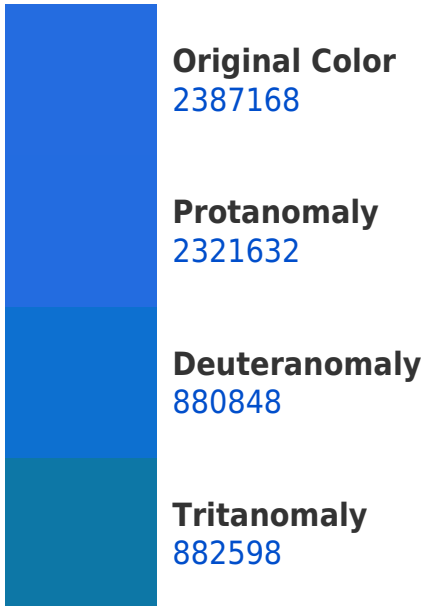
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

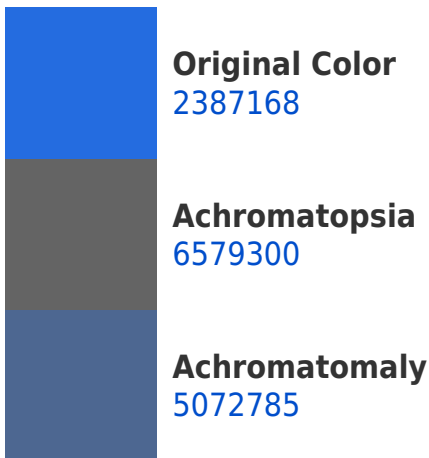




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2387168 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 #246CE0 looks like.

```
.text, #text, p{  
    color:#246CE0  
}
```

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 #246CE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246CE0
}
```

Border

The CSS property to change the border of an element to Decimal 2387168 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
#246CE0 }
```

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

```
.border{ border-color:#246CE0 }
```

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

Here you see how a box with a 4 pixel #246CE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246CE0; -webkit-box-shadow:4px 4px  
4px 4px #246CE0; box-shadow:4px 4px 4px  
4px #246CE0 }
```

Background

The CSS property to change the background color of an element to Decimal 2387168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246CE0 }
```

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

```
.background{ background-color:#246CE0 }
```

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