

Converting Colors

Decimal(2384296)

Have a look what the booklet for
Decimal(2384296) contains.

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Color

Decimal(2384296)

Conversions

Conversions Part 1

Format	Color
Hex	2461A8
RGB	36, 97, 168
RGB Percent	14%, 38%, 66%
CMY	0.8588, 0.6196, 0.3412
CMYK	0.79, 0.42, 0.00, 0.34
HSL	212°, 65%, 40%
HSV	212°, 79%, 66%
XYZ	12.0701, 11.7516, 38.6779
YIQ	86.8550, -59.1470, 9.1490

Conversions

Conversions Part 2

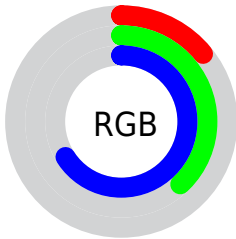
Format	Color
R_{YB}	36, 78, 168
Decimal	2384296
CIE _{Lab}	40.82, 6.41, -43.68
CIE _{LCh}	41, 44.149, 278.352
Yxy	11.7516, 0.1931, 0.1880
Android (android.graphics.Color)	4280574376 (0xFF2461A8)
YUV	86.8550, 40.0045, -44.5998
Hunter-Lab	34.2806, 2.8584, -42.8989

Details

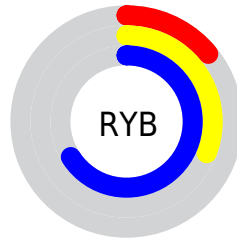
The Decimal color **2384296** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11037476**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **6656992**, and **13427** is the 20% darker color. If you saturate the color by 10%, you get **1267880**, and if you desaturate by 10%, it is **3500712**.

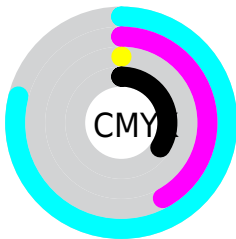
Distribution



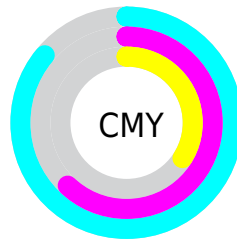
- Red (14%)
- Green (38%)
- Blue (66%)



- Red (14%)
- Yellow (31%)
- Blue (66%)



- Cyan (79%)
- Magenta (42%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2384296 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 2384296 by changing the saturation by 10% instead.

■ 2384296

■ 2384296

16777215

■ 19085

■ 6656992

■ 13427

■ 8564477

■ 8026

■ 10471935

■ 1346

■ 12379647

■ 811

■ 14352383

■ 278

■ 16252927

■ 0

■ 2384296

■ 2384296

■ 1267880

■ 3500712

■ 151464

■ 4617128

■ 20136

■ 5668008

■ 6784424

■ 7900840

■ 9017256

■ 10133672

■ 11184552

■ 12300968

Harmonies

Analogous

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



27555



2384296



7295641

Triad

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



2384296



10241589



28740

Complementary

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



2384296



11037476

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.



4418339



2384296



8934682

Square

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



2384296



10632792



6971919



29290

Rectangle

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



2384296



9062535



6971919



1732152

Sweetspot

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



2384296



10993627



2402410



5135726



15592941



7237230

Same Dimension

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



2384296



879835



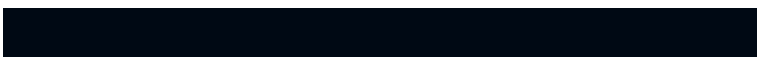
2630824



5001300



17556



2324

Inverse Universe

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



11019361



14355820



10790948



5524560



9699396



1310729

Previews

White Background



This preview shows how the Decimal color 2384296 looks on a white background.

Color Contrast Check

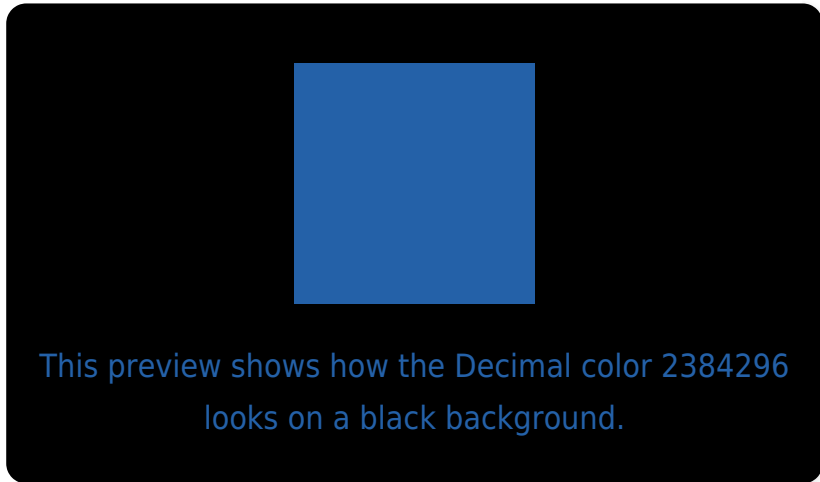
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

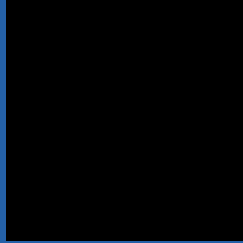
Any Text WCAG AA × Fail

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 2384296 Background



This preview shows how black text looks on a background with the Decimal color 2384296.



This preview shows how white text looks on a background with the Decimal color 2384296.

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
2384296

Protanomaly
3563174

Deuteranomaly
2318760

Monochromacy



Original Color
2384296

Achromatopsia
5723991

Achromatomaly
4479860

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2384296 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 #2461A8 looks like.

```
.text, #text, p{  
    color:#2461A8  
}
```

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 #2461A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2461A8
}
```

Border

The CSS property to change the border of an element to Decimal 2384296 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
#2461A8 }
```

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

```
.border{ border-color:#2461A8 }
```

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

Here you see how a box with a 4 pixel #2461A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2461A8; -webkit-box-shadow:4px 4px  
4px 4px #2461A8; box-shadow:4px 4px 4px  
4px #2461A8 }
```

Background

The CSS property to change the background color of an element to Decimal 2384296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2461A8 }
```

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

```
.background{ background-color:#2461A8 }
```

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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