

Converting Colors

Decimal(2372021)

Have a look what the booklet for
Decimal(2372021) contains.

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Color

Decimal(2372021)

Conversions

Conversions Part 1

Format	Color
Hex	2431B5
RGB	36, 49, 181
RGB Percent	14%, 19%, 71%
CMY	0.8588, 0.8078, 0.2902
CMYK	0.80, 0.73, 0.00, 0.29
HSL	235°, 67%, 43%
HSV	235°, 80%, 71%
XYZ	10.1664, 5.9079, 44.3206
YIQ	60.1610, -50.1200, 38.2960

Conversions

Conversions Part 2

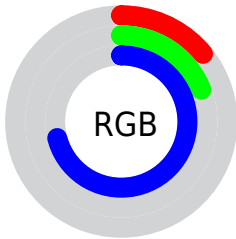
Format	Color
R_{YB}	36, 48, 181
Decimal	2372021
CIE _{Lab}	29.18, 42.61, -70.33
CIE _{LCh}	29, 82.227, 301.210
Yxy	5.9079, 0.1683, 0.0978
Android (android.graphics.Color)	4280562101 (0xFF2431B5)
YUV	60.1610, 59.5736, -21.1892
Hunter-Lab	24.3062, 32.1241, -91.0969

Details

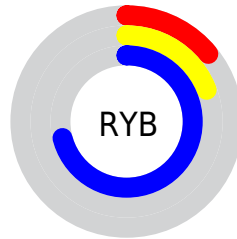
The Decimal color **2372021** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **11905060**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **7037166**, and **1919** is the 20% darker color. If you saturate the color by 10%, you get **1188277**, and if you desaturate by 10%, it is **3555765**.

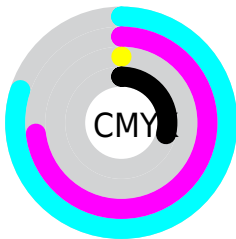
Distribution



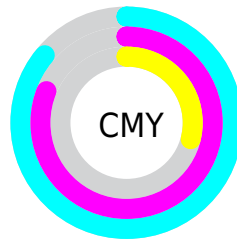
- Red (14%)
- Green (19%)
- Blue (71%)



- Red (14%)
- Yellow (19%)
- Blue (71%)



- Cyan (80%)
- Magenta (73%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (81%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2372021 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 2372021 by changing the saturation by 10% instead.

■ 2372021

■ 2372021

16777215

■ 7065

■ 7037166

■ 1919

■ 9075199

■ 101

■ 11047935

■ 2380

■ 13020927

■ 1076

■ 14994175

■ 542

■ 16770815

■ 0

■ 2372021

■ 2372021

■ 1188277

■ 3555765

■ 4277

■ 4739765

■ 5923509

■ 7107509

■ 8356789

■ 9540789

■ 10724533

■ 11908533

■ 13092277

Harmonies

Analogous

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



20425



2372021



9240708

Triad

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



2372021



8593920



23110

Complementary

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



2372021



11905060

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.



22528



2372021



5456896

Square

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



2372021



10682373



20992



23687

Rectangle

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



2372021



10813530



20992



23087

Sweetspot

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



2372021



11712491



2405799



5461621



16119285



7697781

Same Dimension

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



2372021



597739



6169781



5263705



3737



538

Inverse Universe

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



11871281



15403294



8107300



5853265



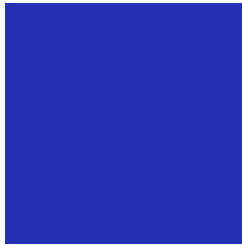
10027022



1703938

Previews

White Background



This preview shows how the Decimal color 2372021 looks on a white background.

Color Contrast Check

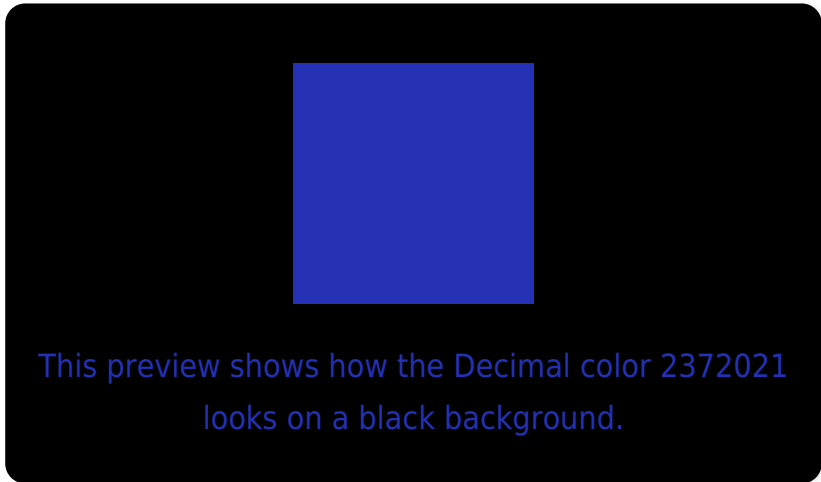
Large Text (above 18pt) WCAG AA ✓ Pass

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

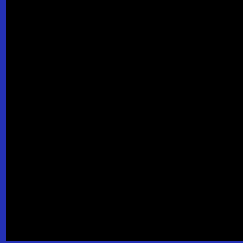
Any Text WCAG AA × Fail

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 2372021 Background



This preview shows how black text looks on a background with the Decimal color 2372021.



This preview shows how white text looks on a background with the Decimal color 2372021.

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
2372021

Protanomaly
867482

Deuteranomaly
868238

Tritanomaly
868981

Monochromacy



Original Color
2372021

Achromatopsia
3947580

Achromatomaly
3356776

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2372021 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 #2431B5 looks like.

```
.text, #text, p{  
    color:#2431B5  
}
```

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 #2431B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2431B5
}
```

Border

The CSS property to change the border of an element to Decimal 2372021 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
#2431B5 }
```

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

```
.border{ border-color:#2431B5 }
```

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

Here you see how a box with a 4 pixel #2431B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2431B5; -webkit-box-shadow:4px 4px  
4px 4px #2431B5; box-shadow:4px 4px 4px  
4px #2431B5 }
```

Background

The CSS property to change the background color of an element to Decimal 2372021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2431B5 }
```

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

```
.background{ background-color:#2431B5 }
```

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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