

Converting Colors

Decimal(2365047)

Have a look what the booklet for
Decimal(2365047) contains.

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Color

Decimal(2365047)

Conversions

Conversions Part 1

Format	Color
Hex	241677
RGB	36, 22, 119
RGB Percent	14%, 9%, 47%
CMY	0.8588, 0.9137, 0.5333
CMYK	0.70, 0.82, 0.00, 0.53
HSL	249°, 69%, 28%
HSV	249°, 82%, 47%
XYZ	4.3442, 2.2808, 17.6640
YIQ	37.2440, -22.7930, 33.1350

Conversions

Conversions Part 2

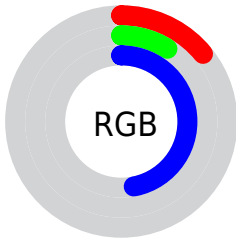
Format	Color
R _Y B	36, 22, 119
Decimal	2365047
CIE Lab	16.90, 36.97, -52.36
CIE LCh	17, 64.099, 305.228
Yxy	2.2808, 0.1789, 0.0939
Android (android.graphics.Color)	4280555127 (0xFF241677)
YUV	37.2440, 40.3057, -1.0910
Hunter-Lab	15.1023, 24.9172, -58.7755




Details

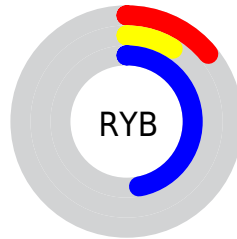
The Decimal color **2365047** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6911766**, and the grayscale version is **2434341**.




A 20% lighter version of the original color is **6177964**, and **69** is the 20% darker color. If you saturate the color by 10%, you get **1706615**, and if you desaturate by 10%, it is **3023479**.

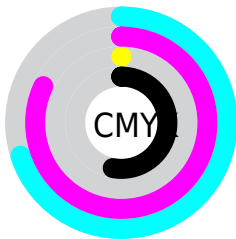
Distribution







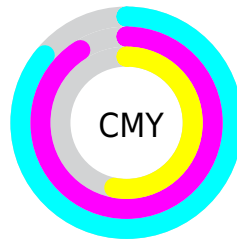
-  Red (14%)
-  Green (9%)
-  Blue (47%)






-  Red (14%)
-  Yellow (9%)
-  Blue (47%)



-  Cyan (70%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (86%)
-  Magenta (91%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2365047 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 2365047 by changing the saturation by 10% instead.

■ 2365047

■ 2365047

16776959

■ 350

■ 6177964

■ 69

■ 8019144

■ 1070

■ 9795044

■ 280

■ 11702271

■ 0

■ 13609727

■ 15517183

■ 16769791

■ 2365047

■ 2365047

■ 1706615

■ 3023479

■ 1114231

■ 3681911

■ 4405879

■ 5064311

■ 5722743

■ 6380919

■ 7039351

■ 7697783

■ 8421751

Harmonies

Analogous

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



12169



2365047



6422609

Triad

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



2365047



5313792



14897

Complementary

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



2365047



6911766

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.



14336



2365047



3025664

Square

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



2365047



6946816



13312



14943

Rectangle

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



2365047



7340083



13312



14625

Sweetspot

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



2365047



8156828



1469047



3881039



13619151



5197647

Same Dimension

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



2365047



1639324



5445239



3552571



1179770



2359546

Inverse Universe

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



7804521



10224518



3831574



3880250



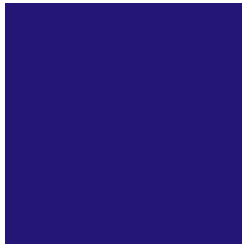
7995497



16384214

Previews

White Background



This preview shows how the Decimal color 2365047 looks on a white background.

Color Contrast Check

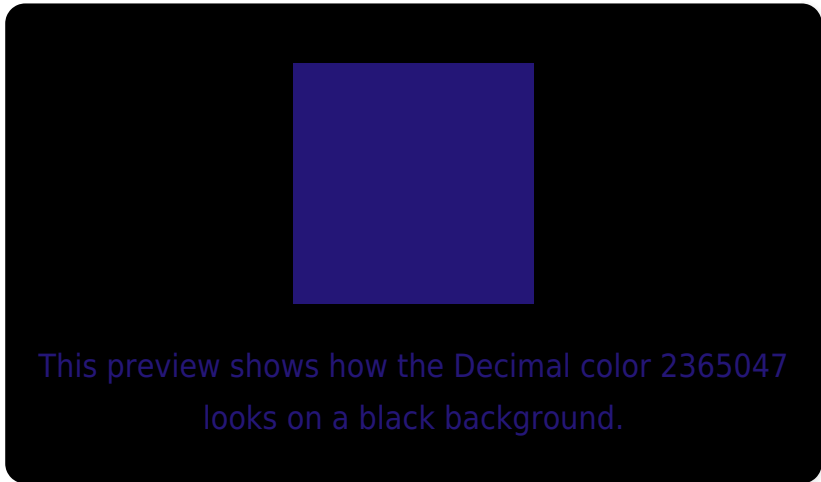
Large Text (above 18pt) WCAG AA ✓ Pass

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

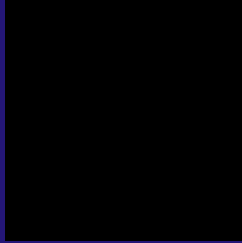
Any Text WCAG AA × Fail

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 2365047 Background



This preview shows how black text looks on a background with the Decimal color 2365047.



This preview shows how white text looks on a background with the Decimal color 2365047.

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



Original Color
2365047

Protanopia
10583

Deuteranopia
11338

Trichromacy



Original Color
2365047

Protanomaly
860771

Deuteranomaly
861274

Tritanomaly
862027

Monochromacy



Original Color
2365047

Achromatopsia
2434341

Achromatomaly
2433091

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2365047 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 #241677 looks like.

```
.text, #text, p{  
  color:#241677  
}
```

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 #241677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241677  
}
```

Border

The CSS property to change the border of an element to Decimal 2365047 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  
#241677 }
```

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

```
.border{ border-color:#241677 }
```

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

Here you see how a box with a 4 pixel #241677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241677; -webkit-box-shadow:4px 4px  
4px 4px #241677; box-shadow:4px 4px 4px  
4px #241677 }
```

Background

The CSS property to change the background color of an element to Decimal 2365047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241677 }
```

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

```
.background{ background-color:#241677 }
```

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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