

# Converting Colors

Decimal(2364505)

Have a look what the booklet for  
Decimal(2364505) contains.

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# Color

**Decimal(2364505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	241459
RGB	36, 20, 89
RGB Percent	14%, 8%, 35%
CMY	0.8588, 0.9216, 0.6510
CMYK	0.60, 0.78, 0.00, 0.65
HSL	254°, 63%, 21%
HSV	254°, 78%, 35%
XYZ	2.7809, 1.5966, 9.6128
YIQ	32.6500, -12.6130, 24.8510

# Conversions

## Conversions Part 2

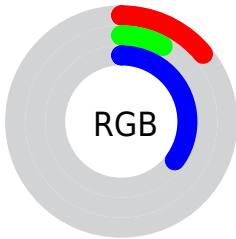
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 20, 89
Decimal	2364505
CIELab	13.21, 28.17, -38.69
CIELCh	13, 47.859, 306.052
Yxy	1.5966, 0.1988, 0.1141
Android (android.graphics.Color)	4280554585 (0xFF241459)
YUV	32.6500, 27.7806, 2.9380
Hunter-Lab	12.6359, 17.1713, -36.2601

# Details

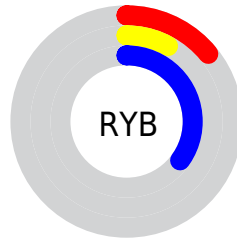
The Decimal color **2364505** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4806932**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **5783692**, and **810** is the 20% darker color. If you saturate the color by 10%, you get **1903449**, and if you desaturate by 10%, it is **2825561**.

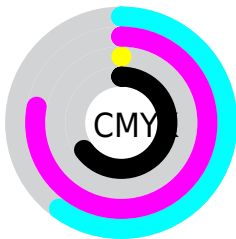
# Distribution



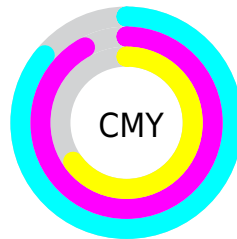
- Red (14%)
- Green (8%)
- Blue (35%)



- Red (14%)
- Yellow (8%)
- Blue (35%)



- Cyan (60%)
- Magenta (78%)
- Yellow (0%)
- Black (65%)



- Cyan (86%)
- Magenta (92%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2364505 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 2364505 by changing the saturation by 10% instead.



■ 2364505

■ 2364505

■ 16775679

■ 655425

■ 5783692

■ 810

■ 7493799

■ 276

■ 9204162

■ 0

■ 11045598

■ 12822011

■ 14729471

■ 16637183

■ 2364505

■ 2364505

■ 1903449

■ 2825561

■ 1442393

■ 3286617

■ 1376345

■ 3747673

■ 4143193

■ 4604249

■ 5065049

■ 5526105

■ 5987161

■ 6448217

# Harmonies

## Analogous

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



9574



2364505



4980798

# Triad

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



2364505



4199680



12072

# Complementary

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



2364505



4806932

# 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.



11776



2364505



2499328

# Square

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



2364505



5373952



10752



12105

# Rectangle

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



2364505



5636136



10752



12060



# Sweetspot

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



2364505



6183027



1329753



3025467



12237498



3881787



# Same Dimension

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



2364505



2164851



4527193



2631467



1638507



3539179



# Inverse Universe

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



5837897



7538778



2644244



2828074



7012434



15401140



# Previews

## White Background



This preview shows how the Decimal color 2364505 looks on a white background.

## Color Contrast Check

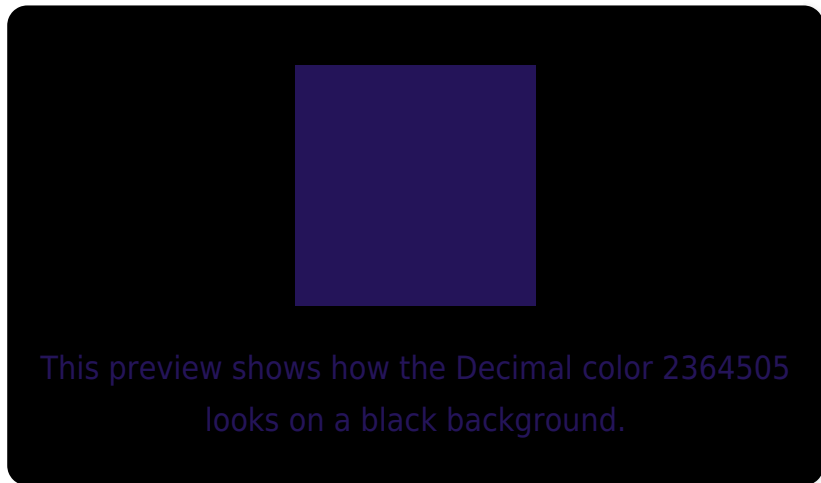
Large Text (above 18pt) WCAG AA ✓ Pass

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

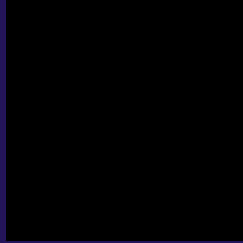
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2364505 Background



This preview shows how black text looks on a background with the Decimal color 2364505.



This preview shows how white text looks on a background with the Decimal color 2364505.

# 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**  
2364505

**Protanopia**  
8775

**Deuteranopia**  
9277



**Tritanopia**  
927273

# Trichromacy



**Original Color**  
2364505

**Protanomaly**  
859470

**Deuteranomaly**  
859719

**Tritanomaly**  
1449786

# Monochromacy



**Original Color**  
2364505

**Achromatopsia**  
2171169

**Achromatomaly**  
2235445

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2364505 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 #241459 looks like.

```
.text, #text, p{  
    color:#241459  
}
```

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 #241459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241459
}
```

## Border

The CSS property to change the border of an element to Decimal 2364505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

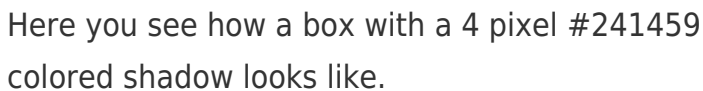
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241459 }
```

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

```
.border{ border-color:#241459 }
```

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



Here you see how a box with a 4 pixel #241459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241459; -webkit-box-shadow:4px 4px  
4px 4px #241459; box-shadow:4px 4px 4px  
4px #241459 }
```

# Background

The CSS property to change the background color of an element to Decimal 2364505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241459 }
```

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

```
.background{ background-color:#241459 }
```

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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