

# Converting Colors

Decimal(6370271)

Have a look what the booklet for  
Decimal(6370271) contains.

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**Color**

**Decimal(6370271)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6133DF
RGB	97, 51, 223
RGB Percent	38%, 20%, 87%
CMY	0.6196, 0.8000, 0.1255
CMYK	0.57, 0.77, 0.00, 0.13
HSL	256°, 73%, 54%
HSV	256°, 77%, 87%
XYZ	19.4329, 10.2368, 70.7637
YIQ	84.3620, -27.7960, 63.2440

# Conversions

## Conversions Part 2

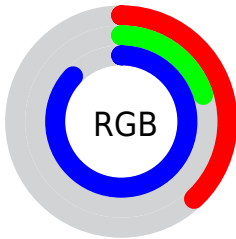
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 51, 223
Decimal	6370271
CIE <sub>Lab</sub>	38.26, 60.66, -79.68
CIE <sub>LCh</sub>	38, 100.143, 307.282
Yxy	10.2368, 0.1935, 0.1019
Android (android.graphics.Color)	4284560351 (0xFF6133DF)
YUV	84.3620, 68.3485, 11.0835
Hunter-Lab	31.9949, 52.4251, -108.7362

# Details

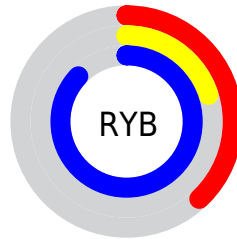
The Decimal color **6370271** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **11657011**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **10446847**, and **393382** is the 20% darker color. If you saturate the color by 10%, you get **5316063**, and if you desaturate by 10%, it is **7424479**.

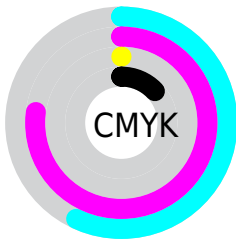
# Distribution



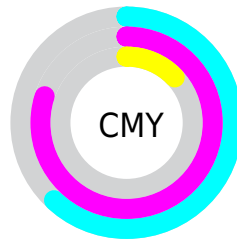
- Red (38%)
- Green (20%)
- Blue (87%)



- Red (38%)
- Yellow (20%)
- Blue (87%)



- Cyan (57%)
- Magenta (77%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (80%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6370271 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 6370271 by changing the saturation by 10% instead.



 6370271

 6370271

16777215

 4069314

 10446847

 393382

 12485375

 139

 14523903

 113

 16497151

 1111

 16766463

 1598

 16773887

 808

 273

 0

■ 6370271

■ 6370271

■ 5316063

■ 7424479

■ 4196063

■ 8544479

■ 3932383

■ 9598687

■ 10652895

■ 11772895

■ 12827103

■ 13881311

■ 15001055

■ 16055519

# Harmonies

## Analogous

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



25343



6370271



12714139

# Triad

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



6370271



10369536



30317

# Complementary

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



6370271



11657011

# 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.



29453



6370271



6118912

# Square

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



6370271



13369344



27904



30653

# Rectangle

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



6370271



14221414



27904



30032



# Sweetspot

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



6370271



13944063



3387871



6642816



0



8421504



# Same Dimension

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



6370271



5313279



12006367



6841712



3080368



852016



# Inverse Universe

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



14627761



16716480



6020915



7365997



11534465

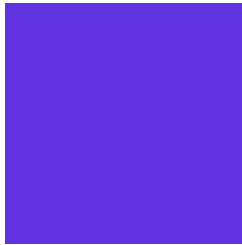


3145763



# Previews

## White Background



This preview shows how the Decimal color 6370271 looks on a white background.

## Color Contrast Check

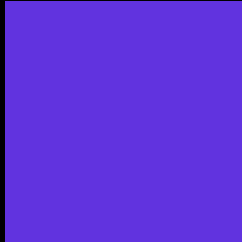
Large Text (above 18pt) WCAG AA ✓ Pass

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 6370271 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

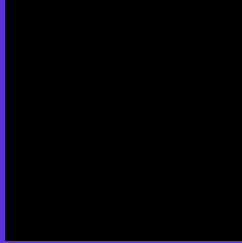
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 6370271 Background



This preview shows how black text looks on a background with the Decimal color 6370271.



This preview shows how white text looks on a background with the Decimal color 6370271.

# 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**  
6370271



**Protanomaly**  
2312902



**Deuteranomaly**  
2313652



**Tritanomaly**  
4477075

# Monochromacy



**Original Color**  
6370271



**Achromatopsia**  
5526612



**Achromatomaly**  
5851271

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6370271 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 #6133DF looks like.

```
.text, #text, p{  
    color:#6133DF  
}
```

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 #6133DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6133DF
}
```

## Border

The CSS property to change the border of an element to Decimal 6370271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

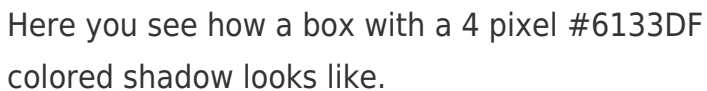
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6133DF }
```

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

```
.border{ border-color:#6133DF }
```

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



Here you see how a box with a 4 pixel #6133DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6133DF; -webkit-box-shadow:4px 4px  
4px 4px #6133DF; box-shadow:4px 4px 4px  
4px #6133DF }
```

# Background

The CSS property to change the background color of an element to Decimal 6370271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6133DF }
```

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

```
.background{ background-color:#6133DF }
```

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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