

Converting Colors

Decimal(5060221)

Have a look what the booklet for
Decimal(5060221) contains.

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Color

Decimal(5060221)

Conversions

Conversions Part 1

Format	Color
Hex	4D367D
RGB	77, 54, 125
RGB Percent	30%, 21%, 49%
CMY	0.6980, 0.7882, 0.5098
CMYK	0.38, 0.57, 0.00, 0.51
HSL	259°, 40%, 35%
HSV	259°, 57%, 49%
XYZ	8.0814, 5.6968, 20.0757
YIQ	68.9710, -9.0830, 26.9570

Conversions

Conversions Part 2

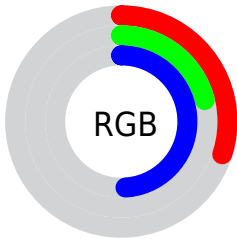
Format	Color
RYB	77, 54, 125
Decimal	5060221
CIELab	28.63, 27.47, -36.88
CIElCh	29, 45.987, 306.687
Yxy	5.6968, 0.2387, 0.1683
Android (android.graphics.Color)	4283250301 (0xFF4D367D)
YUV	68.9710, 27.6223, 7.0414
Hunter-Lab	23.8679, 18.6691, -33.1622

Details

The Decimal color **5060221** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6716726**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **8480434**, and **1706827** is the 20% darker color. If you saturate the color by 10%, you get **4532605**, and if you desaturate by 10%, it is **5587837**.

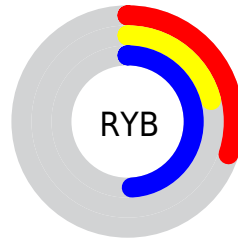
Distribution



 Red (30%)

 Green (21%)

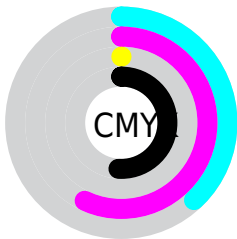
 Blue (49%)




 Red (30%)

 Yellow (21%)

 Blue (49%)

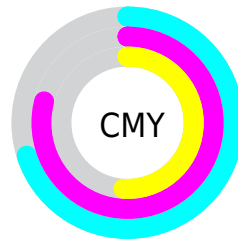


 Cyan (38%)

 Magenta (57%)

 Yellow (0%)

 Black (51%)



 Cyan (70%)

 Magenta (79%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5060221 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 5060221 by changing the saturation by 10% instead.

■ 5060221

■ 5060221

16777215

■ 3416164

■ 8480434

■ 1706827

■ 10256334

■ 196660

■ 12032490

■ 542

■ 13939967

■ 0

■ 15782143

■ 16772351

■ 5060221

■ 5060221

■ 4532605

■ 5587837

■ 3939709

■ 6180733

■ 3412093

■ 6708349

■ 2819197

■ 7301245

■ 2621565

■ 7828605

■ 8421757

■ 8949117

■ 9542269

■ 10069629

Harmonies

Analogous

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



17803



5060221



7545696

Triad

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



5060221



6895360



21323

Complementary

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



5060221



6716726

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.



20774



5060221



4998400

Square

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



5060221



8135963



2444544



21357

Rectangle

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



5060221



8329545



2444544



21310

Sweetspot

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



5060221



9471907



3565437



4669778



13750737



5395026

Same Dimension

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



5060221



5780643



7353981



3881280



2687104



0

Inverse Universe

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



8205926



10695807



4422966



4208958



8388694



0

Previews

White Background



This preview shows how the Decimal color 5060221 looks on a white background.

Color Contrast Check

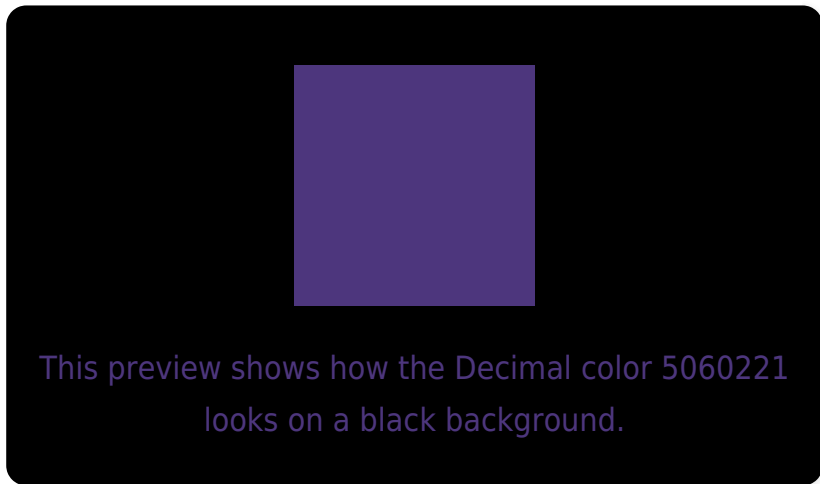
Large Text (above 18pt) WCAG AA ✓ Pass

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

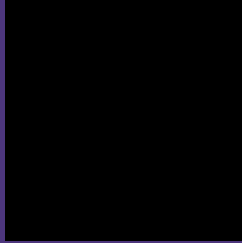
Any Text WCAG AA × Fail

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 5060221 Background



This preview shows how black text looks on a background with the Decimal color 5060221.



This preview shows how white text looks on a background with the Decimal color 5060221.

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
5060221

Protanopia
1065353

Deuteranopia
804218



Tritanopia
4277321

Trichromacy



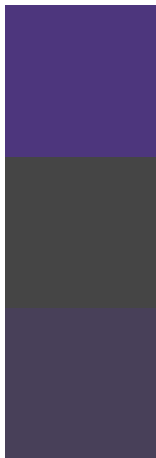
Original Color
5060221

Protanomaly
2506117

Deuteranomaly
2375803

Tritanomaly
4538204

Monochromacy



Original Color
5060221

Achromatopsia
4539717

Achromatomaly
4735065

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5060221 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 #4D367D looks like.

```
.text, #text, p{  
    color:#4D367D  
}
```

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 #4D367D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D367D
}
```

Border

The CSS property to change the border of an element to Decimal 5060221 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
#4D367D }
```

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

```
.border{ border-color:#4D367D }
```

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

Here you see how a box with a 4 pixel #4D367D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D367D; -webkit-box-shadow:4px 4px  
4px 4px #4D367D; box-shadow:4px 4px 4px  
4px #4D367D }
```

Background

The CSS property to change the background color of an element to Decimal 5060221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D367D }
```

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

```
.background{ background-color:#4D367D }
```

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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