

Converting Colors

Decimal(5178201)

Have a look what the booklet for
Decimal(5178201) contains.

Decimal(5178201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5178201)

Conversions

Conversions Part 1

Format	Color
Hex	4F0359
RGB	79, 3, 89
RGB Percent	31%, 1%, 35%
CMY	0.6902, 0.9882, 0.6510
CMYK	0.11, 0.97, 0.00, 0.65
HSL	293°, 93%, 18%
HSV	293°, 97%, 35%
XYZ	5.0602, 2.4487, 9.6571
YIQ	35.5280, 17.6900, 42.8580

Conversions

Conversions Part 2

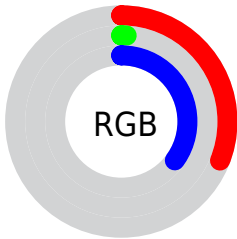
Format	Color
R_YB	79, 3, 89
Decimal	5178201
CIE _{Lab}	17.68, 42.90, -31.11
CIE _{LCh}	18, 52.998, 324.049
Yxy	2.4487, 0.2948, 0.1426
Android (android.graphics.Color)	4283368281 (0xFF4F0359)
YUV	35.5280, 26.3617, 38.1249
Hunter-Lab	15.6482, 30.3375, -25.6365

Details

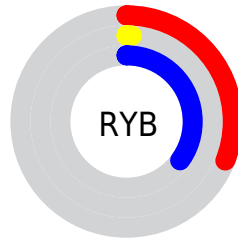
The Decimal color **5178201** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **874755**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **8600716**, and **2162731** is the 20% darker color. If you saturate the color by 10%, you get **5177433**, and if you desaturate by 10%, it is **5246041**.

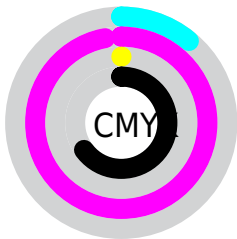
Distribution



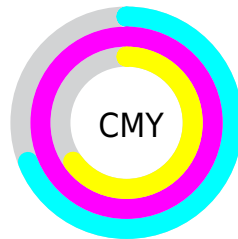
- Red (31%)
- Green (1%)
- Blue (35%)



- Red (31%)
- Yellow (1%)
- Blue (35%)



- Cyan (11%)
- Magenta (97%)
- Yellow (0%)
- Black (65%)



- Cyan (69%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5178201 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 5178201 by changing the saturation by 10% instead.

■ 5178201

■ 5178201

■ 16775679

■ 3539009

■ 8600716

■ 2162731

■ 10376614

■ 277

■ 12218306

■ 0

■ 14125534

■ 16033018

■ 16761087

■ 16768255

■ 5178201

■ 5178201

■ 5177433

■ 5246041

■ 5313881

■ 5381721

■ 5449561

■ 5517401

■ 5584985

■ 5652825

■ 5720665

■ 5788505

Harmonies

Analogous

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



9587



5178201



6750261

Triad

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



5178201



4007680



14922

Complementary

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



5178201



874755

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.



14626



5178201



1585664

Square

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



5178201



5771520



14080



14698

Rectangle

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



5178201



6946844



14080



14909

Sweetspot

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



5178201



7295347



200025



3679803



12237498



3881787

Same Dimension

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



5178201



6619251



5833528



2828075



6226027



13566187

Inverse Universe

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



5833485



7536653



219428



2828072



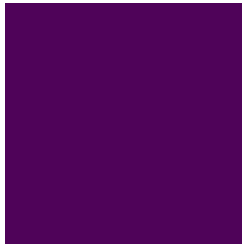
7012364



15400987

Previews

White Background



This preview shows how the Decimal color 5178201 looks on a white background.

Color Contrast Check

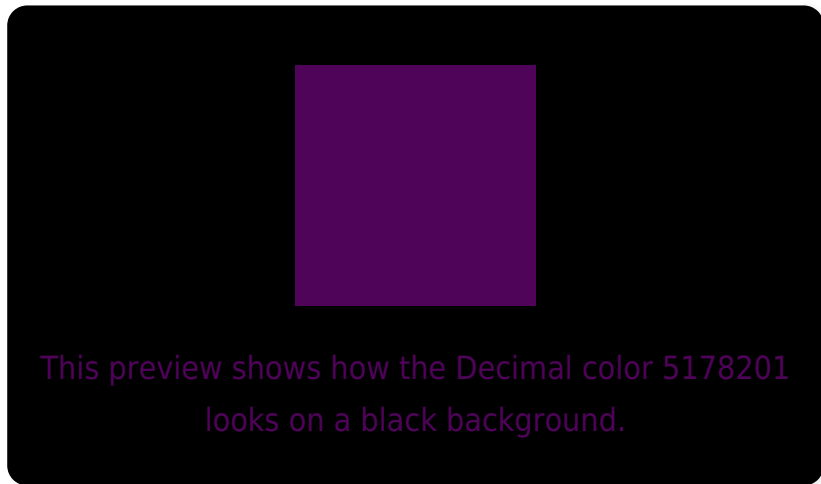
Large Text (above 18pt) WCAG AA ✓ Pass

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

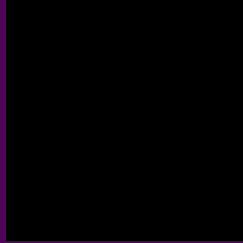
Any Text WCAG AA × Fail

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 5178201 Background



This preview shows how black text looks on a background with the Decimal color 5178201.



This preview shows how white text looks on a background with the Decimal color 5178201.

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
5178201

Protanopia
11615

Deuteranopia
667732

Trichromacy



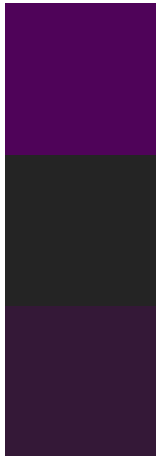
Original Color
5178201

Protanomaly
1908317

Deuteranomaly
2302038

Tritanomaly
4921144

Monochromacy



Original Color
5178201

Achromatopsia
2368548

Achromatomaly
3414071

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5178201 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 #4F0359 looks like.

```
.text, #text, p{  
    color:#4F0359  
}
```

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 #4F0359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0359
}
```

Border

The CSS property to change the border of an element to Decimal 5178201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

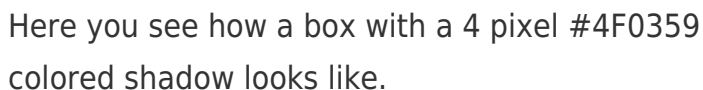
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0359 }
```

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

```
.border{ border-color:#4F0359 }
```

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



Here you see how a box with a 4 pixel #4F0359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0359; -webkit-box-shadow:4px 4px  
4px 4px #4F0359; box-shadow:4px 4px 4px  
4px #4F0359 }
```

Background

The CSS property to change the background color of an element to Decimal 5178201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0359 }
```

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

```
.background{ background-color:#4F0359 }
```

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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