

Converting Colors

Decimal(5186368)

Have a look what the booklet for
Decimal(5186368) contains.

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Color

Decimal(5186368)

Conversions

Conversions Part 1

Format	Color
Hex	4F2340
RGB	79, 35, 64
RGB Percent	31%, 14%, 25%
CMY	0.6902, 0.8627, 0.7490
CMYK	0.00, 0.56, 0.19, 0.69
HSL	320°, 39%, 22%
HSV	320°, 56%, 31%
XYZ	4.7509, 3.2345, 5.2244
YIQ	51.4620, 16.9150, 18.3470

Conversions

Conversions Part 2

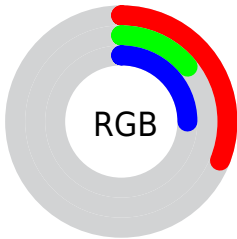
Format	Color
RYB	79, 35, 64
Decimal	5186368
CIELab	20.96, 24.87, -8.95
CIElCh	21, 26.436, 340.206
Yxy	3.2345, 0.3596, 0.2449
Android (android.graphics.Color)	4283376448 (0xFF4F2340)
YUV	51.4620, 6.1812, 24.1508
Hunter-Lab	17.9847, 15.6799, -4.6340

Details

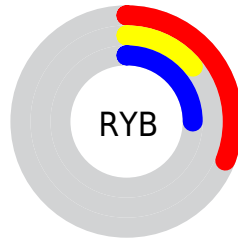
The Decimal color **5186368** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2314034**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **8540784**, and **2359318** is the 20% darker color. If you saturate the color by 10%, you get **5184317**, and if you desaturate by 10%, it is **5188419**.

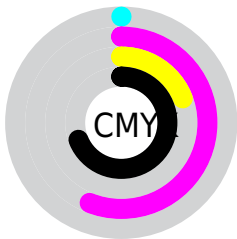
Distribution



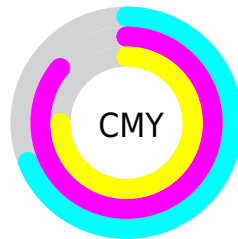
- Red (31%)
- Green (14%)
- Blue (25%)



- Red (31%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (56%)
- Yellow (19%)
- Black (69%)



- Cyan (69%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5186368 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 5186368 by changing the saturation by 10% instead.

■ 5186368

■ 5186368

16777215

■ 3607594

■ 8540784

■ 2359318

■ 10250889

■ 0

■ 12027043

■ 13868735

■ 15776218

■ 16766455

■ 16773887

■ 5186368

■ 5186368

■ 5184317

■ 5188419

■ 5182267

■ 5190469

■ 5180216

■ 5192520

■ 5178165

■ 5194571

■ 5177396

■ 5196621

■ 5198416

■ 5200467

■ 5202518

■ 5204568

Harmonies

Analogous

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



3942992



5186368



5644588

Triad

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



5186368



3617800



15179

Complementary

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



5186368



2314034

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.



15417



5186368



2177043

Square

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



5186368



4664588



15140



14423

Rectangle

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



5186368



5579552



15140



15429

Sweetspot

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



5186368



6706528



3285839



3352880



11776947



3355443

Same Dimension

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



5186368



6693455



5186346



2499109



6684739



15073431

Inverse Universe

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



5186368



6693455



2314056



2499109



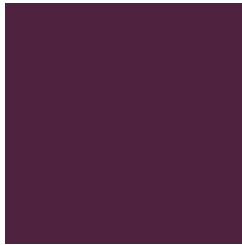
6684739



15073431

Previews

White Background



This preview shows how the Decimal color 5186368 looks on a white background.

Color Contrast Check

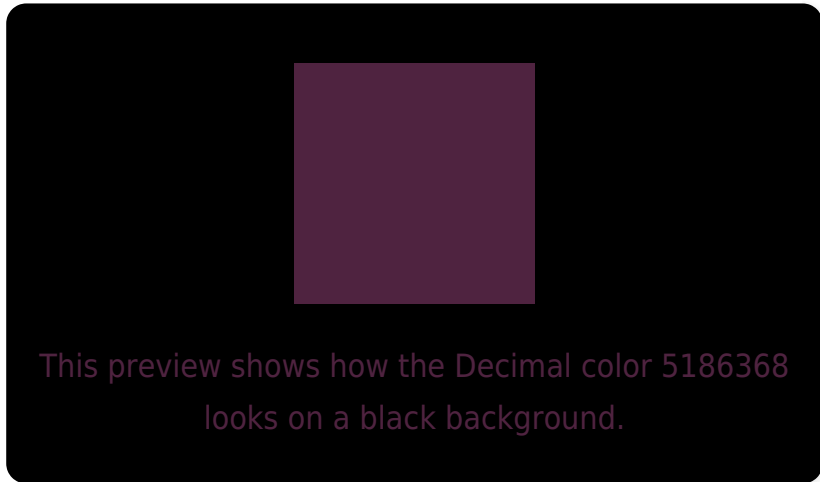
Large Text (above 18pt) WCAG AA ✓ Pass

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

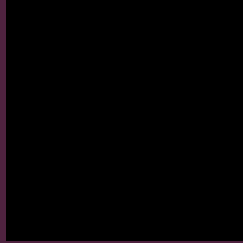
Any Text WCAG AA × Fail

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 5186368 Background



This preview shows how black text looks on a background with the Decimal color 5186368.



This preview shows how white text looks on a background with the Decimal color 5186368.

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
5186368

Protanopia
2830923

Deuteranopia
3355198



Tritanopia
5056555

Trichromacy



Original Color
5186368

Protanomaly
3681607

Deuteranomaly
4009279

Tritanomaly
5121587

Monochromacy



Original Color
5186368

Achromatopsia
3355443

Achromatomaly
4009272

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5186368 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 #4F2340 looks like.

```
.text, #text, p{  
    color:#4F2340  
}
```

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 #4F2340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2340
}
```

Border

The CSS property to change the border of an element to Decimal 5186368 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".

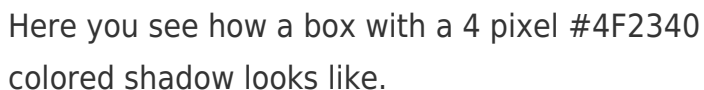
```
.border, #border, table{ border:4px solid
#4F2340 }
```

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

```
.border{ border-color:#4F2340 }
```

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

Here you see how a box with a 4 pixel #4F2340 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2340; -webkit-box-shadow:4px 4px  
4px 4px #4F2340; box-shadow:4px 4px 4px  
4px #4F2340 }
```

Background

The CSS property to change the background color of an element to Decimal 5186368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2340 }
```

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

```
.background{ background-color:#4F2340 }
```

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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