

Converting Colors

Decimal(5186674)

Have a look what the booklet for
Decimal(5186674) contains.

Decimal(5186674)	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(5186674)

Conversions

Conversions Part 1

Format	Color
Hex	4F2472
RGB	79, 36, 114
RGB Percent	31%, 14%, 45%
CMY	0.6902, 0.8588, 0.5529
CMYK	0.31, 0.68, 0.00, 0.55
HSL	273°, 52%, 29%
HSV	273°, 68%, 45%
XYZ	6.8926, 4.1389, 16.3552
YIQ	57.7490, 0.5900, 33.3740

Conversions

Conversions Part 2

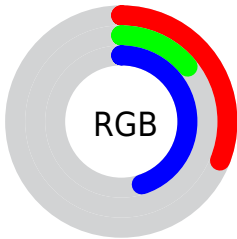
Format	Color
R_{YB}	79, 36, 114
Decimal	5186674
CIE _{Lab}	24.13, 35.55, -37.13
CIE _{LCh}	24, 51.408, 313.753
Yxy	4.1389, 0.2517, 0.1511
Android (android.graphics.Color)	4283376754 (0xFF4F2472)
YUV	57.7490, 27.7317, 18.6371
Hunter-Lab	20.3443, 24.8725, -33.4233

Details

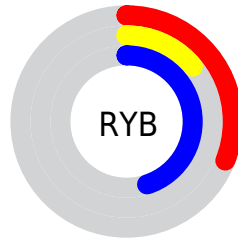
The Decimal color **5186674** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4682276**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **8606887**, and **1966145** is the 20% darker color. If you saturate the color by 10%, you get **4856178**, and if you desaturate by 10%, it is **5517170**.

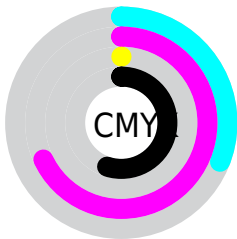
Distribution



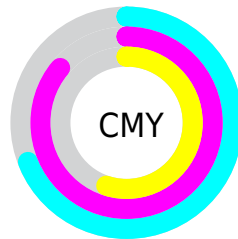
- Red (31%)
- Green (14%)
- Blue (45%)



- Red (31%)
- Yellow (14%)
- Blue (45%)



- Cyan (31%)
- Magenta (68%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (86%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5186674 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 5186674 by changing the saturation by 10% instead.

■ 5186674

■ 5186674

16777215

■ 3542105

■ 8606887

■ 1966145

■ 10382786

■ 42

■ 12224478

■ 276

■ 14066171

■ 0

■ 15973887

■ 16767487

■ 16774655

■ 5186674

■ 5186674

■ 4856178

■ 5517170

■ 4525426

■ 5847922

■ 4194930

■ 6178418

■ 4128882

■ 6509170

■ 6905202

■ 7235698

■ 7566450

■ 7896946

■ 8227698

Harmonies

Analogous

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



14726



5186674



7471184

Triad

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



5186674



5779456



18763

Complementary

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



5186674



4682276

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.



18466



5186674



3620096

Square

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



5186674



7346432



17664



18543

Rectangle

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



5186674



7995446



17664



18749

Sweetspot

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



5186674



8811924



2377586



4339530



13224393



4868682

Same Dimension

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



5186674



6101908



7480430



3551800



4325496



8913143

Inverse Universe

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



7480391



9706321



2388520



3682869



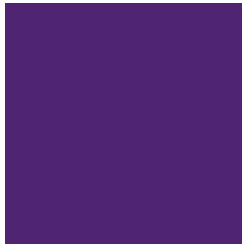
7864374



16187503

Previews

White Background



This preview shows how the Decimal color 5186674 looks on a white background.

Color Contrast Check

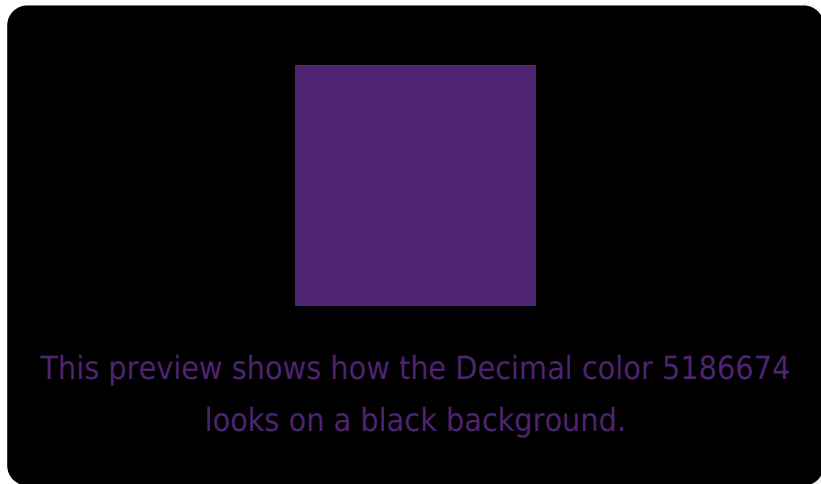
Large Text (above 18pt) WCAG AA ✓ Pass

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

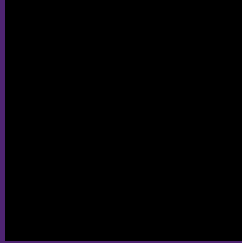
Any Text WCAG AA × Fail

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 5186674 Background



This preview shows how black text looks on a background with the Decimal color 5186674.



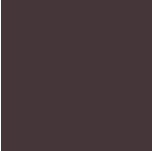
This preview shows how white text looks on a background with the Decimal color 5186674.

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





Tritanopia
4535866

Trichromacy



Original Color
5186674

Protanomaly
1913205

Deuteranomaly
1913708

Tritanomaly
4796238

Monochromacy



Original Color
5186674

Achromatopsia
3815994

Achromatomaly
4338254

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5186674 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 #4F2472 looks like.

```
.text, #text, p{  
    color:#4F2472  
}
```

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 #4F2472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2472
}
```

Border

The CSS property to change the border of an element to Decimal 5186674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

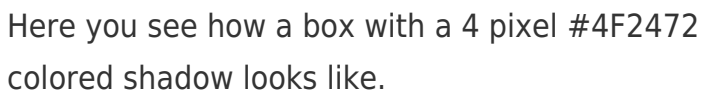
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2472 }
```

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

```
.border{ border-color:#4F2472 }
```

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



Here you see how a box with a 4 pixel #4F2472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2472; -webkit-box-shadow:4px 4px  
4px 4px #4F2472; box-shadow:4px 4px 4px  
4px #4F2472 }
```

Background

The CSS property to change the background color of an element to Decimal 5186674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2472 }
```

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

```
.background{ background-color:#4F2472 }
```

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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