

Converting Colors

Decimal(5242974)

Have a look what the booklet for
Decimal(5242974) contains.

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Color

Decimal(5242974)

Conversions

Conversions Part 1

Format	Color
Hex	50005E
RGB	80, 0, 94
RGB Percent	31%, 0%, 37%
CMY	0.6863, 1.0000, 0.6314
CMYK	0.15, 1.00, 0.00, 0.63
HSL	291°, 100%, 18%
HSV	291°, 100%, 37%
XYZ	5.3286, 2.5136, 10.7940
YIQ	34.6360, 17.5060, 46.1940

Conversions

Conversions Part 2

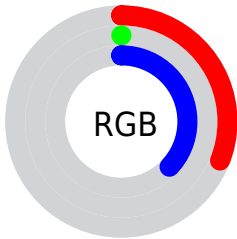
Format	Color
R_{YB}	80, 0, 94
Decimal	5242974
CIE _{Lab}	17.98, 44.90, -33.98
CIE _{LCh}	18, 56.306, 322.884
Yxy	2.5136, 0.2859, 0.1349
Android (android.graphics.Color)	4283433054 (0xFF50005E)
YUV	34.6360, 29.2665, 39.7842
Hunter-Lab	15.8544, 32.2483, -29.2677

Details

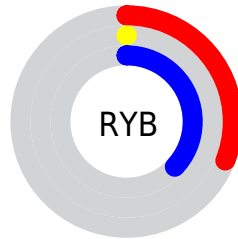
The Decimal color **5242974** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **941568**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **8731537**, and **2162735** is the 20% darker color. If you saturate the color by 10%, you get **5242974**, and if you desaturate by 10%, it is **5310814**.

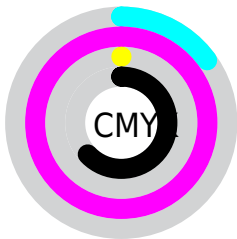
Distribution



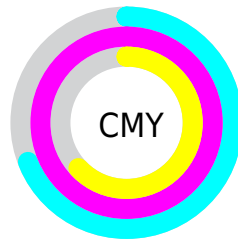
- Red (31%)
- Green (0%)
- Blue (37%)



- Red (31%)
- Yellow (0%)
- Blue (37%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (69%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5242974 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 5242974 by changing the saturation by 10% instead.


 5242974

 5242974

 16775679

 3604550

 8731537

 2162735

 10507436

 281

 12349127

 0

 14190820

 16098559

 16760831

 16768255

 5242974

■ 5310814

■ 5444446

■ 5512286

■ 5645918

■ 5713758

■ 5781598

■ 5915230

■ 5983070

■ 6116702

Harmonies

Analogous

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



9849



5242974



7012408

Triad

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



5242974



4138752



15179

Complementary

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



5242974



941568

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.



14881



5242974



1585920

Square

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



5242974



6032640



14336



14958

Rectangle

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



5242974



7208989



14336



15165

Sweetspot

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



5242974



7689850



3678



3811133



12434877



4013373

Same Dimension

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



5242974



6815866



6160445



2959662



6094958



13238509

Inverse Universe

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



6160398



7995410



24097



3025194



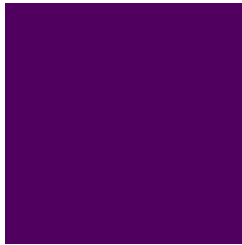
7208976



15532067

Previews

White Background



This preview shows how the Decimal color 5242974 looks on a white background.

Color Contrast Check

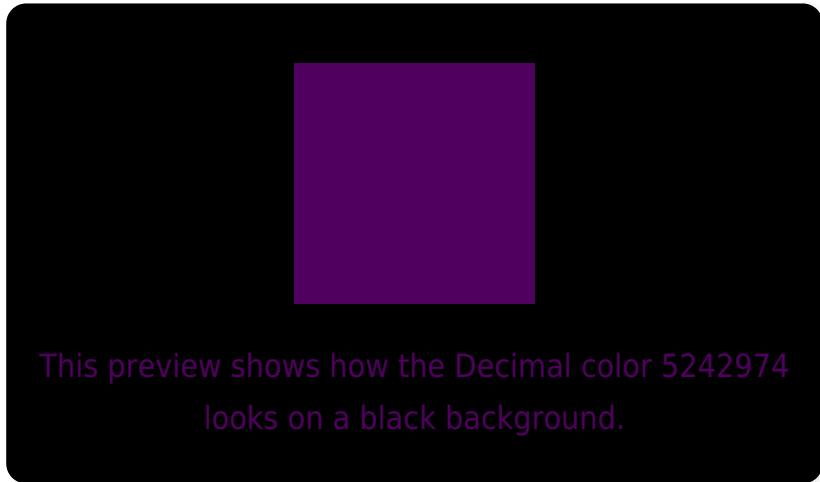
Large Text (above 18pt) WCAG AA ✓ Pass

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

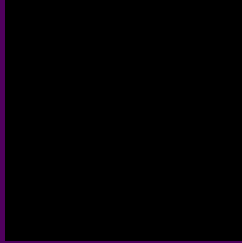
Any Text WCAG AA × Fail

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 5242974 Background



This preview shows how black text looks on a background with the Decimal color 5242974.

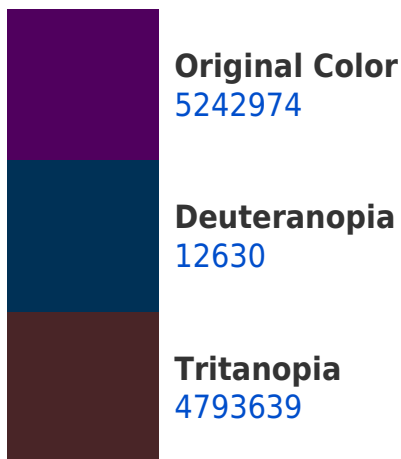


This preview shows how white text looks on a background with the Decimal color 5242974.

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

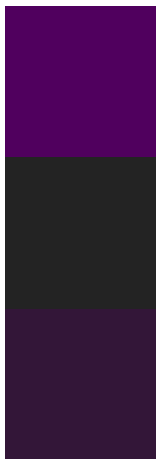


Original Color
5242974

Deuteranomaly
1908569

Tritanomaly
4986939

Monochromacy



Original Color
5242974

Achromatopsia
2302755

Achromatomaly
3348024

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5242974 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 #50005E looks like.

```
.text, #text, p{  
    color:#50005E  
}
```

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 #50005E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50005E
}
```

Border

The CSS property to change the border of an element to Decimal 5242974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

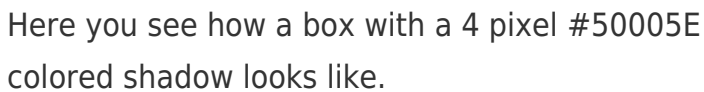
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50005E }
```

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

```
.border{ border-color:#50005E }
```

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



Here you see how a box with a 4 pixel #50005E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50005E; -webkit-box-shadow:4px 4px  
4px 4px #50005E; box-shadow:4px 4px 4px  
4px #50005E }
```

Background

The CSS property to change the background color of an element to Decimal 5242974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50005E }
```

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

```
.background{ background-color:#50005E }
```

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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