

Converting Colors

Decimal(5242943)

Have a look what the booklet for
Decimal(5242943) contains.

Decimal(5242943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(5242943)

Conversions

Conversions Part 1

Format	Color
Hex	50003F
RGB	80, 0, 63
RGB Percent	31%, 0%, 25%
CMY	0.6863, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.21, 0.69
HSL	313°, 100%, 16%
HSV	313°, 100%, 31%
XYZ	4.2055, 2.0644, 4.8794
YIQ	31.1020, 27.4570, 36.5530

Conversions

Conversions Part 2

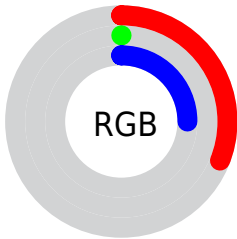
Format	Color
R_{YB}	80, 0, 63
Decimal	5242943
CIE _{Lab}	15.82, 39.68, -16.17
CIE _{LCh}	16, 42.855, 337.825
Yxy	2.0644, 0.3772, 0.1852
Android (android.graphics.Color)	4283433023 (0xFF50003F)
YUV	31.1020, 15.7257, 42.8835
Hunter-Lab	14.3679, 27.1031, -10.0778

Details

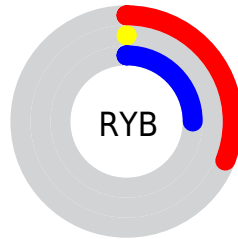
The Decimal color **5242943** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20497**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **8665199**, and **2031636** is the 20% darker color. If you saturate the color by 10%, you get **5242943**, and if you desaturate by 10%, it is **5244993**.

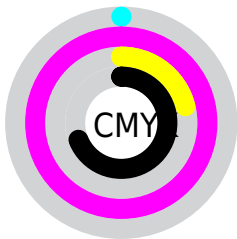
Distribution



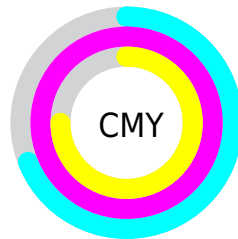
- Red (31%)
- Green (0%)
- Blue (25%)



- Red (31%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5242943 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 5242943 by changing the saturation by 10% instead.

 5242943

 5242943

 16774655

 3604521

 8665199

 2031636

 10441096

 0

 12282787

 14190014

 16097498

 16760054

 16767231

 5242943

■ 5244993

■ 5247042

■ 5249092

■ 5251142

■ 5253191

■ 5255241

■ 5257291

■ 5259341

■ 5261390

Harmonies

Analogous

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



3086936



5242943



5898273

Triad

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



5242943



2828544



13132

Complementary

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



5242943



20497

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.



13359



5242943



405248

Square

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



5242943



4463872



12814



12640

Rectangle

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



5242943



5767179



12814



13379

Sweetspot

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



5242943



6900066



1048656



3547697



11908533



3552822

Same Dimension

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



5242943



6881362



5242904



2696488



15204535

Inverse Universe

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



5242943



6881362



20536



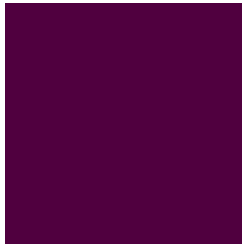
2696488



15204535

Previews

White Background



This preview shows how the Decimal color 5242943 looks on a white background.

Color Contrast Check

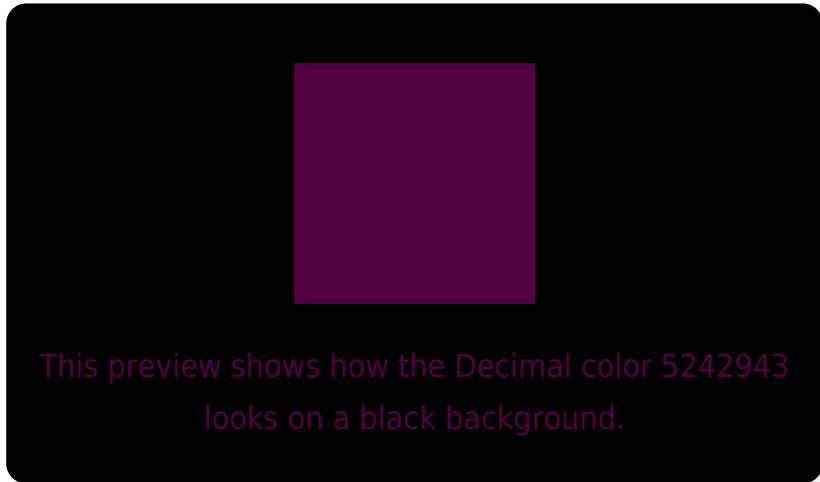
Large Text (above 18pt) WCAG AA ✓ Pass

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

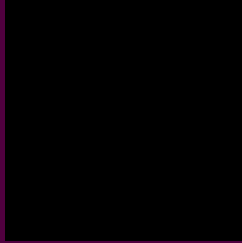
Any Text WCAG AA × Fail

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 5242943 Background



This preview shows how black text looks on a background with the Decimal color 5242943.

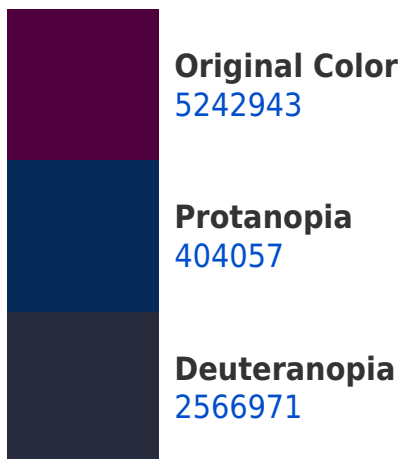



This preview shows how white text looks on a background with the Decimal color 5242943.

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
5052698

Trichromacy



Original Color
5242943

Protanomaly
2169680

Deuteranomaly
3545916

Tritanomaly
5115943

Monochromacy



Original Color
5242943

Achromatopsia
2039583

Achromatomaly
3216427

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5242943 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 #50003F looks like.

```
.text, #text, p{  
  color:#50003F  
}
```

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 #50003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50003F
}
```

Border

The CSS property to change the border of an element to Decimal 5242943 is called "border". The border property can be set on classes, ids or directly on the HTML element.

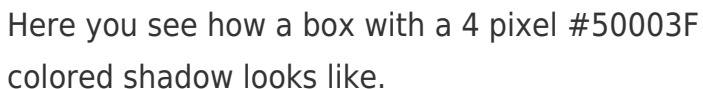
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50003F }
```

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

```
.border{ border-color:#50003F }
```

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



Here you see how a box with a 4 pixel #50003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50003F; -webkit-box-shadow:4px 4px  
4px 4px #50003F; box-shadow:4px 4px 4px  
4px #50003F }
```

Background

The CSS property to change the background color of an element to Decimal 5242943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50003F }
```

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

```
.background{ background-color:#50003F }
```

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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