

Converting Colors

Decimal(5242926)

Have a look what the booklet for
Decimal(5242926) contains.

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Color

Decimal(5242926)

Conversions

Conversions Part 1

Format	Color
Hex	50002E
RGB	80, 0, 46
RGB Percent	31%, 0%, 18%
CMY	0.6863, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.42, 0.69
HSL	326°, 100%, 16%
HSV	326°, 100%, 31%
XYZ	3.8014, 1.9027, 2.7517
YIQ	29.1640, 32.9140, 31.2660

Conversions

Conversions Part 2

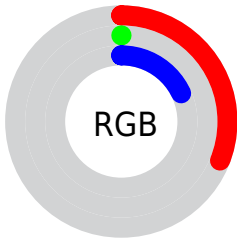
Format	Color
R_{YB}	80, 0, 46
Decimal	5242926
CIE _{Lab}	14.97, 37.51, -5.30
CIE _{LCh}	15, 37.879, 351.960
Yxy	1.9027, 0.4496, 0.2250
Android (android.graphics.Color)	4283433006 (0xFF50002E)
YUV	29.1640, 8.3001, 44.5832
Hunter-Lab	13.7939, 25.0525, -2.1717

Details

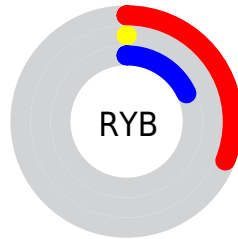
The Decimal color **5242926** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **20514**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **8730460**, and **1900545** is the 20% darker color. If you saturate the color by 10%, you get **5242926**, and if you desaturate by 10%, it is **5244977**.

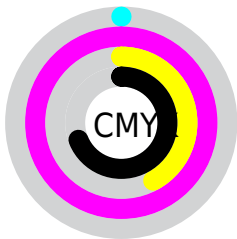
Distribution



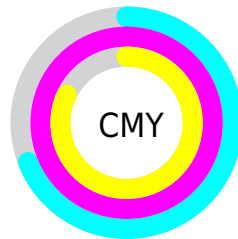
- Red (31%)
- Green (0%)
- Blue (18%)



- Red (31%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5242926 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 5242926 by changing the saturation by 10% instead.

 5242926

 5242926

 16774143

 3604505

 8730460

 1900545

 10506356

 0

 12348046

 14255272

 16162755

 16759519

 16766716

 5242926

■ 5244977

■ 5247029

■ 5249080

■ 5251132

■ 5253183

■ 5255234

■ 5257286

■ 5259337

■ 5261389

Harmonies

Analogous

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



4067911



5242926



5374484

Triad

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



5242926



1911296



12368

Complementary

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



5242926



20514

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.



12601



5242926



11776

Square

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



5242926



3547648



12317



11099

Rectangle

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



5242926



5050112



12317



12361

Sweetspot

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



5242926



6900059



2162768



3547693



11908533



3552822

Same Dimension

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



5242926



6881340



5242887



2696487



15204485

Inverse Universe

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



5242926



6881340



20553



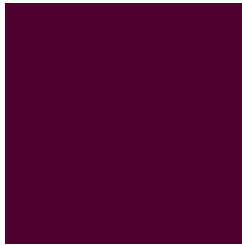
2696487



15204485

Previews

White Background



This preview shows how the Decimal color 5242926 looks on a white background.

Color Contrast Check

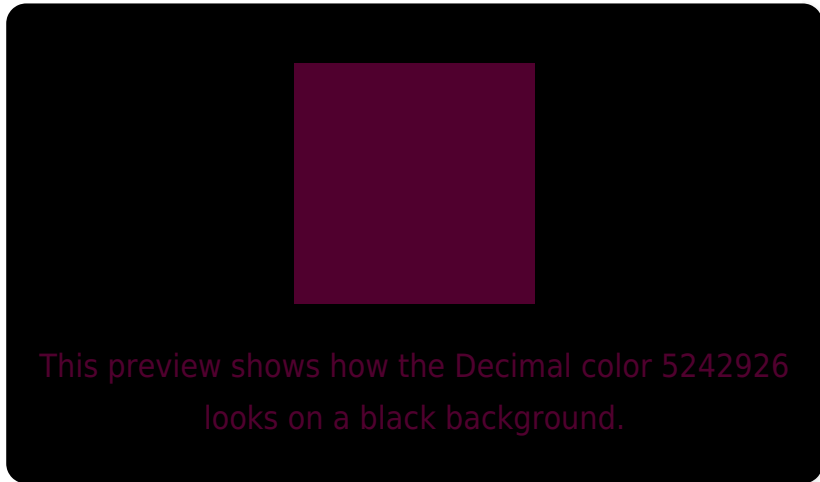
Large Text (above 18pt) WCAG AA ✓ Pass

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

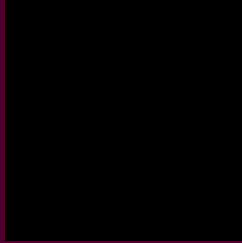
Any Text WCAG AA × Fail

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 5242926 Background



This preview shows how black text looks on a background with the Decimal color 5242926.



This preview shows how white text looks on a background with the Decimal color 5242926.

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
5242926

Protanopia
2173250

Deuteranopia
3025195



Tritanopia
5181971

Trichromacy



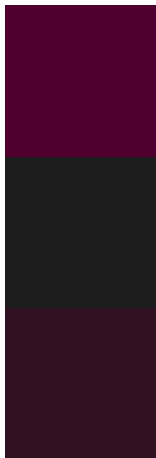
Original Color
5242926

Protanomaly
3283515

Deuteranomaly
3807788

Tritanomaly
5180189

Monochromacy



Original Color
5242926

Achromatopsia
1907997

Achromatomaly
3150371

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5242926 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 #50002E looks like.

```
.text, #text, p{  
    color:#50002E  
}
```

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 #50002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50002E
}
```

Border

The CSS property to change the border of an element to Decimal 5242926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

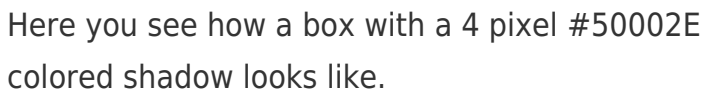
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50002E }
```

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

```
.border{ border-color:#50002E }
```

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



Here you see how a box with a 4 pixel #50002E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50002E; -webkit-box-shadow:4px 4px  
4px 4px #50002E; box-shadow:4px 4px 4px  
4px #50002E }
```

Background

The CSS property to change the background color of an element to Decimal 5242926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50002E }
```

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

```
.background{ background-color:#50002E }
```

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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