

Converting Colors

Decimal(2560033)

Have a look what the booklet for
Decimal(2560033) contains.

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Color

Decimal(2560033)

Conversions

Conversions Part 1

Format	Color
Hex	271021
RGB	39, 16, 33
RGB Percent	15%, 6%, 13%
CMY	0.8471, 0.9373, 0.8706
CMYK	0.00, 0.59, 0.15, 0.85
HSL	316°, 42%, 11%
HSV	316°, 59%, 15%
XYZ	1.2965, 0.9117, 1.5465
YIQ	24.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

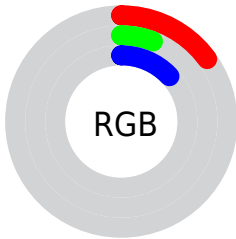
Format	Color
R_YB	39, 16, 33
Decimal	2560033
CIE Lab	8.23, 15.01, -6.65
CIE LCh	8, 16.422, 336.099
Yxy	0.9117, 0.3453, 0.2428
Android (android.graphics.Color)	4280750113 (0xFF271021)
YUV	24.8150, 4.0352, 12.4402
Hunter-Lab	9.5484, 7.5274, -2.9189

Details

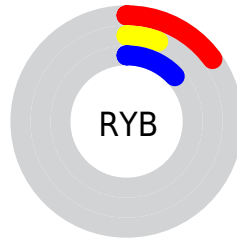
The Decimal color **2560033** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1058582**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **5585741**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2559008**, and if you desaturate by 10%, it is **2561058**.

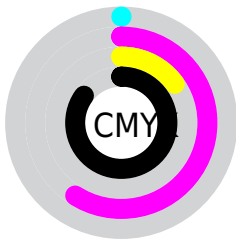
Distribution



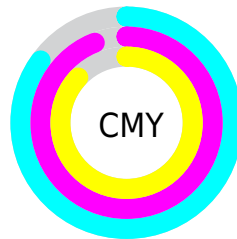
- Red (15%)
- Green (6%)
- Blue (13%)



- Red (15%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (15%)
- Black (85%)



- Cyan (85%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2560033 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 2560033 by changing the saturation by 10% instead.

■ 2560033

■ 2560033

■ 16773631

■ 983049

■ 5585741

■ 0

■ 7164517

■ 8874622

■ 10584984

■ 12361395

■ 14203342

■ 16110826

■ 2560033

■ 2560033

■ 2559008

■ 2561058

■ 2557983

■ 2562083

■ 2556958

■ 2563108

■ 2555933

■ 2564133

■ 2565158

■ 2565927

■ 2566952

■ 2567977

■ 2569002

Harmonies

Analogous

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



1840170



2560033



2887190

Triad

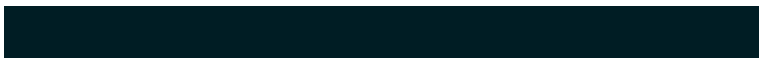
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2560033



1972224



7460

Complementary

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



2560033



1058582

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.



7706



2560033



1186560

Square

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



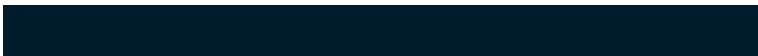
2560033



2495488



7437



7212

Rectangle

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



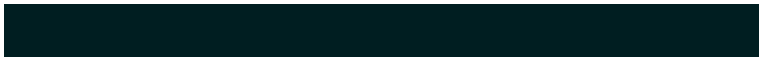
2560033



2887437



7437



7713

Sweetspot

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



2560033



3353137



1445927



1709080



10066329



1710618

Same Dimension

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



2560033



3346218



2560022



1315348



5505086



13893788

Inverse Universe

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



2560033



3346218



1058593



1315348



5505086



13893788

Previews

White Background



This preview shows how the Decimal color 2560033 looks on a white background.

Color Contrast Check

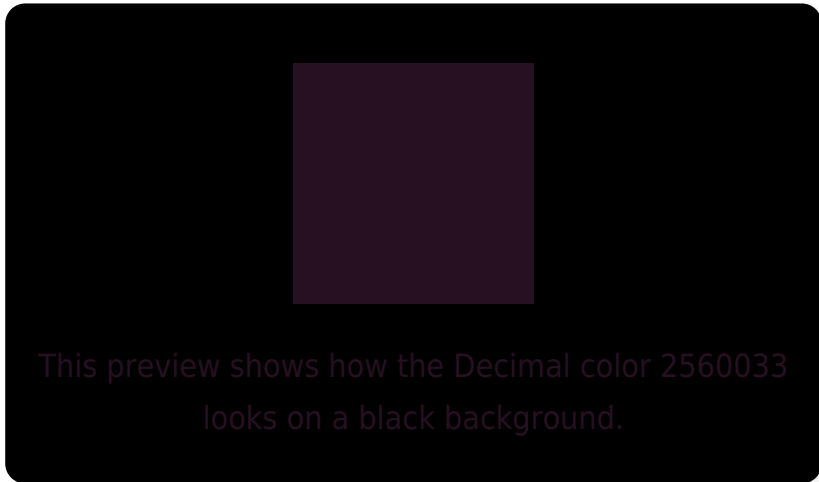
Large Text (above 18pt) WCAG AA ✓ Pass

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

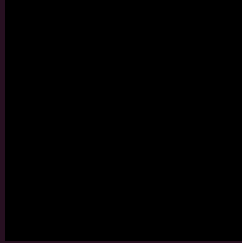
Any Text WCAG AA × Fail

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 2560033 Background



This preview shows how black text looks on a background with the Decimal color 2560033.



This preview shows how white text looks on a background with the Decimal color 2560033.

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](#).

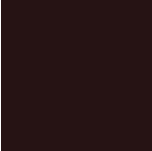
Dichromacy



Original Color
2560033

Protanopia
1251368

Deuteranopia
1579040



Tritanopia
2495252

Trichromacy



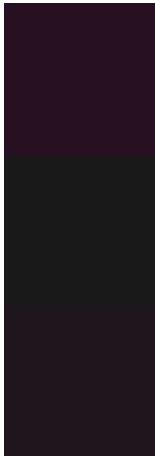
Original Color
2560033

Protanomaly
1709349

Deuteranomaly
1905952

Tritanomaly
2495001

Monochromacy



Original Color
2560033

Achromatopsia
1644825

Achromatomaly
1971740

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2560033 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 #271021 looks like.

```
.text, #text, p{  
    color:#271021  
}
```

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 #271021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271021
}
```

Border

The CSS property to change the border of an element to Decimal 2560033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

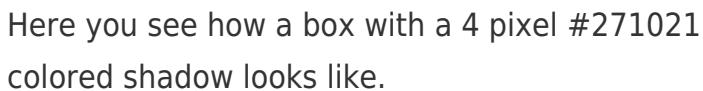
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271021 }
```

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

```
.border{ border-color:#271021 }
```

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



Here you see how a box with a 4 pixel #271021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271021; -webkit-box-shadow:4px 4px  
4px 4px #271021; box-shadow:4px 4px 4px  
4px #271021 }
```

Background

The CSS property to change the background color of an element to Decimal 2560033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271021 }
```

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

```
.background{ background-color:#271021 }
```

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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