

Converting Colors

Decimal(2827276)

Have a look what the booklet for
Decimal(2827276) contains.

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Color

Decimal(2827276)

Conversions

Conversions Part 1

Format	Color
Hex	2B240C
RGB	43, 36, 12
RGB Percent	17%, 14%, 5%
CMY	0.8314, 0.8588, 0.9529
CMYK	0.00, 0.16, 0.72, 0.83
HSL	46°, 56%, 11%
HSV	46°, 72%, 17%
XYZ	1.6935, 1.8019, 0.6064
YIQ	35.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

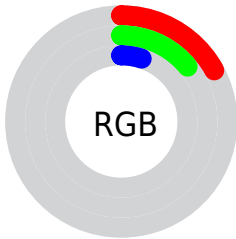
Format	Color
R_{YB}	21, 43, 12
Decimal	2827276
CIE _{Lab}	14.41, -0.49, 16.17
CIE _{LCh}	14, 16.181, 91.736
Yxy	1.8019, 0.4129, 0.4393
Android (android.graphics.Color)	4281017356 (0xFF2B240C)
YUV	35.3570, -11.5150, 6.7029
Hunter-Lab	13.4234, -0.9715, 6.7181

Details

The Decimal color **2827276** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **791339**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **5853239**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2827016**, and if you desaturate by 10%, it is **2827536**.

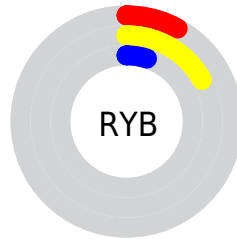
Distribution



Red (17%)

Green (14%)

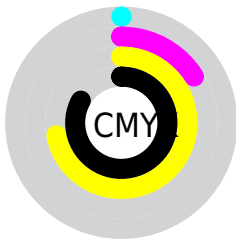
Blue (5%)



Red (8%)

Yellow (17%)

Blue (5%)

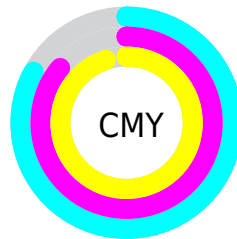


Cyan (0%)

Magenta (16%)

Yellow (72%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2827276 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 2827276 by changing the saturation by 10% instead.

■ 2827276

■ 2827276

■ 16777196

■ 1314560

■ 5853239

■ 0

■ 7497806

■ 9208166

■ 10984319

■ 12760729

■ 14602932

■ 16510672

■ 2827276

■ 2827276

■ 2827016

■ 2827536

■ 2826755

■ 2827797

■ 2826496

■ 2828057

■ 2828317

■ 2828578

■ 2828838

■ 2829098

■ 2829358

■ 2829619

Harmonies

Analogous

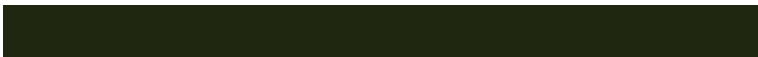
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3416080



2827276



2041616

Triad

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



2827276



10800



3349807

Complementary

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



2827276



791339

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.



2498872



2827276



10296

Square

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



2827276



10789



1254715



3742500

Rectangle

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



2827276



1452310



1254715



3153459

Sweetspot

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



2827276



3683628



2821139



1841685



10263708



1842204

Same Dimension

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



2827276



3681543



2304780



1315858



5521664



13935616

Inverse Universe

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



791339



463416



1313835



1184532



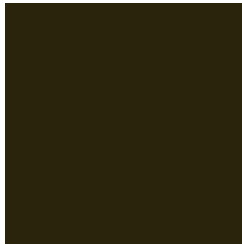
4948



12500

Previews

White Background



This preview shows how the Decimal color 2827276 looks on a white background.

Color Contrast Check

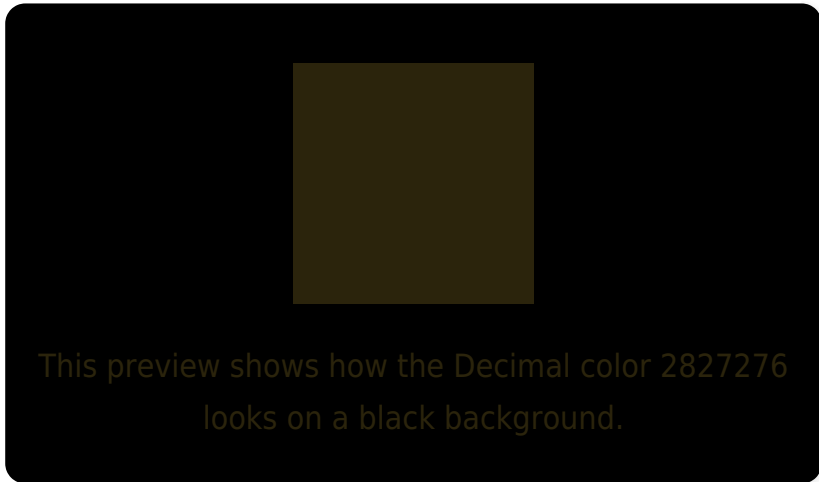
Large Text (above 18pt) WCAG AA ✓ Pass

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

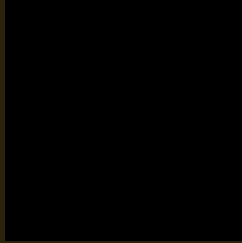
Any Text WCAG AA × Fail

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 2827276 Background



This preview shows how black text looks on a background with the Decimal color 2827276.

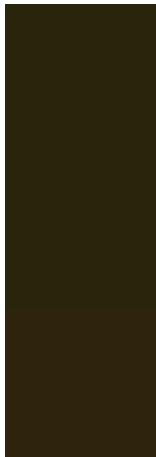


This preview shows how white text looks on a background with the Decimal color 2827276.

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
2827276

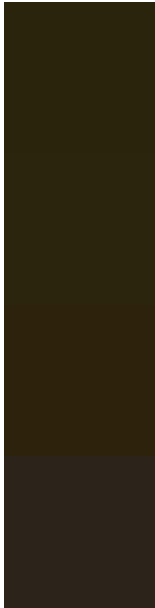
Protanopia
2696460

Deuteranopia
3023628



Tritanopia
2957860

Trichromacy



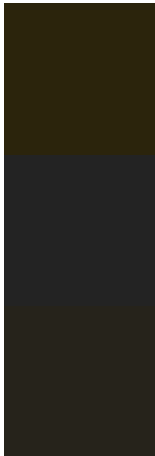
Original Color
2827276

Protanomaly
2761996

Deuteranomaly
2958092

Tritanomaly
2892571

Monochromacy



Original Color
2827276

Achromatopsia
2302755

Achromatomaly
2499355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2827276 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 #2B240C looks like.

```
.text, #text, p{  
  color:#2B240C  
}
```

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 #2B240C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B240C
}
```

Border

The CSS property to change the border of an element to Decimal 2827276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

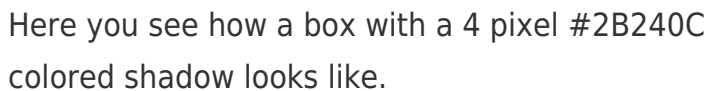
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B240C }
```

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

```
.border{ border-color:#2B240C }
```

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



Here you see how a box with a 4 pixel #2B240C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B240C; -webkit-box-shadow:4px 4px  
4px 4px #2B240C; box-shadow:4px 4px 4px  
4px #2B240C }
```

Background

The CSS property to change the background color of an element to Decimal 2827276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B240C }
```

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

```
.background{ background-color:#2B240C }
```

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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