

Converting Colors

Decimal(2827021)

Have a look what the booklet for
Decimal(2827021) contains.

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Color

Decimal(2827021)

Conversions

Conversions Part 1

Format	Color
Hex	2B230D
RGB	43, 35, 13
RGB Percent	17%, 14%, 5%
CMY	0.8314, 0.8627, 0.9490
CMYK	0.00, 0.19, 0.70, 0.83
HSL	44°, 54%, 11%
HSV	44°, 70%, 17%
XYZ	1.6699, 1.7447, 0.6295
YIQ	34.8840, 11.8300, -5.1460

Conversions

Conversions Part 2

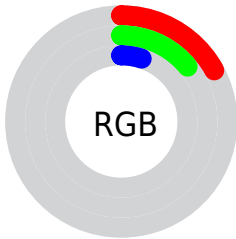
Format	Color
R_{YB}	24, 43, 13
Decimal	2827021
CIE _{Lab}	14.09, 0.30, 15.28
CIE _{LCh}	14, 15.285, 88.865
Y _{xy}	1.7447, 0.4129, 0.4314
Android (android.graphics.Color)	4281017101 (0xFF2B230D)
YUV	34.8840, -10.7888, 7.1177
Hunter-Lab	13.2088, -0.5482, 6.4204

Details

The Decimal color **2827021** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **857387**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **5852984**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2826761**, and if you desaturate by 10%, it is **2827281**.

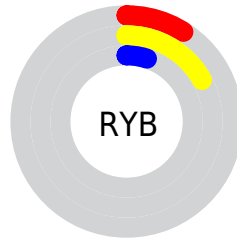
Distribution



Red (17%)

Green (14%)

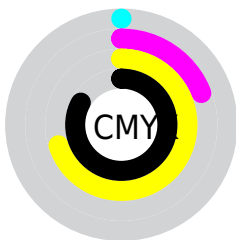
Blue (5%)



Red (9%)

Yellow (17%)

Blue (5%)

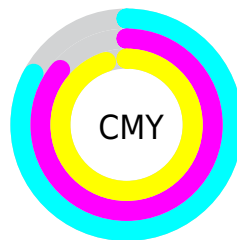


Cyan (0%)

Magenta (19%)

Yellow (70%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2827021 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 2827021 by changing the saturation by 10% instead.

■ 2827021

■ 2827021

■ 16777197

■ 1314304

■ 5852984

■ 0

■ 7497551

■ 9207911

■ 10984064

■ 12760474

■ 14602421

■ 16510417

■ 2827021

■ 2827021

■ 2826761

■ 2827281

■ 2826500

■ 2827542

■ 2826240

■ 2827802

■ 2828318

■ 2828579

■ 2828839

■ 2829099

■ 2829359

■ 2829620

Harmonies

Analogous

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



3350289



2827021



2106896

Triad

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



2827021



10542



3218735

Complementary

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



2827021



857387

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.



2367798



2827021



10294

Square

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



2827021



207139



1189177



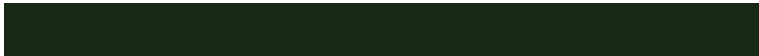
3611429

Rectangle

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



2827021



1583125



1189177



2956850

Sweetspot

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



2827021



3683628



2821397



1841685



10263708



1842204

Same Dimension

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



2827021



3681289



2370317



1315858



5520896



13933312

Inverse Universe

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



857387



595512



1314091



1184532



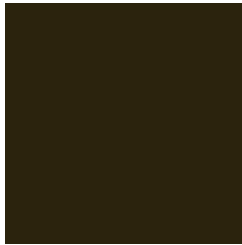
5716



14548

Previews

White Background



This preview shows how the Decimal color 2827021 looks on a white background.

Color Contrast Check

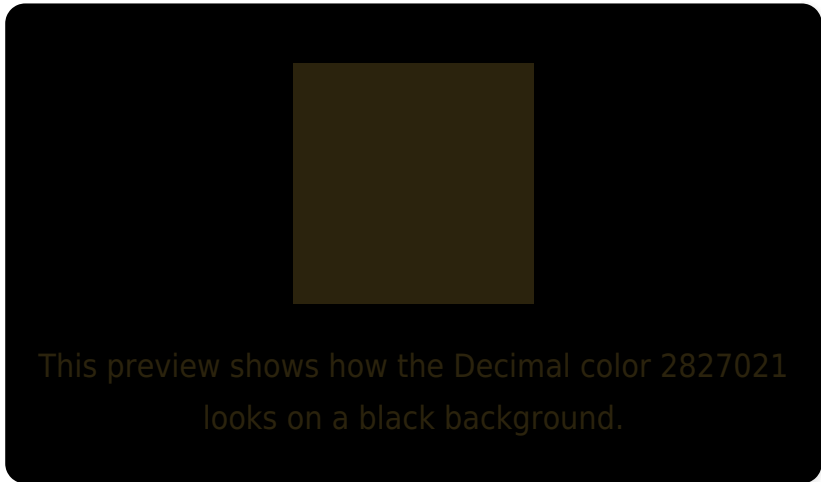
Large Text (above 18pt) WCAG AA ✓ Pass

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

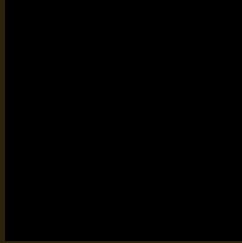
Any Text WCAG AA × Fail

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 2827021 Background



This preview shows how black text looks on a background with the Decimal color 2827021.

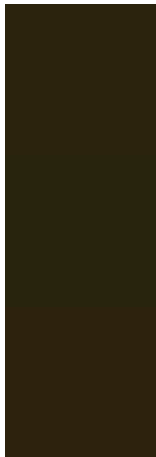


This preview shows how white text looks on a background with the Decimal color 2827021.

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
2827021

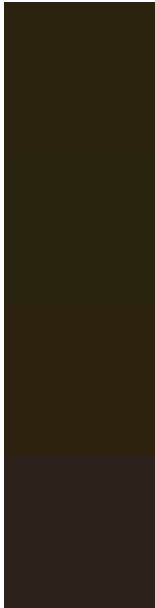
Protanopia
2630669

Deuteranopia
2957837



Tritanopia
2957603

Trichromacy



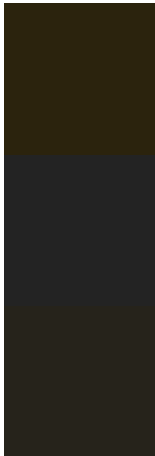
Original Color
2827021

Protanomaly
2696205

Deuteranomaly
2892301

Tritanomaly
2892315

Monochromacy



Original Color
2827021

Achromatopsia
2302755

Achromatomaly
2499355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2827021 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 #2B230D looks like.

```
.text, #text, p{  
    color:#2B230D  
}
```

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 #2B230D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B230D
}
```

Border

The CSS property to change the border of an element to Decimal 2827021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

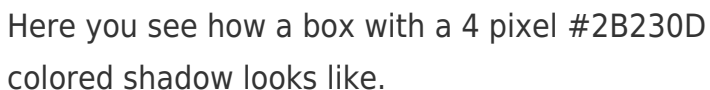
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B230D }
```

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

```
.border{ border-color:#2B230D }
```

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



Here you see how a box with a 4 pixel #2B230D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B230D; -webkit-box-shadow:4px 4px  
4px 4px #2B230D; box-shadow:4px 4px 4px  
4px #2B230D }
```

Background

The CSS property to change the background color of an element to Decimal 2827021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B230D }
```

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

```
.background{ background-color:#2B230D }
```

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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