

Converting Colors

Decimal(2176027)

Have a look what the booklet for
Decimal(2176027) contains.

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Color

Decimal(2176027)

Conversions

Conversions Part 1

Format	Color
Hex	21341B
RGB	33, 52, 27
RGB Percent	13%, 20%, 11%
CMY	0.8706, 0.7961, 0.8941
CMYK	0.37, 0.00, 0.48, 0.80
HSL	106°, 32%, 15%
HSV	106°, 48%, 20%
XYZ	2.0530, 2.8584, 1.4804
YIQ	43.4690, -3.2990, -11.8030

Conversions

Conversions Part 2

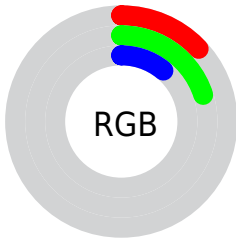
Format	Color
RYB	27, 52, 46
Decimal	2176027
CIELab	19.47, -13.63, 13.42
CIELCh	19, 19.126, 135.455
Yxy	2.8584, 0.3212, 0.4472
Android (android.graphics.Color)	4280366107 (0xFF21341B)
YUV	43.4690, -8.1192, -9.1813
Hunter-Lab	16.9069, -7.9118, 6.6432

Details

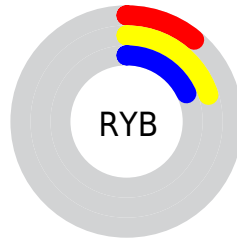
The Decimal color **2176027** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3021620**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **5137223**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1913878**, and if you desaturate by 10%, it is **2438176**.

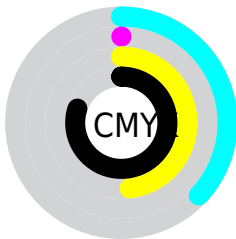
Distribution



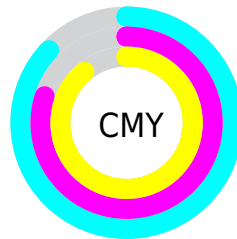
- Red (13%)
- Green (20%)
- Blue (11%)



- Red (11%)
- Yellow (20%)
- Blue (18%)



- Cyan (37%)
- Magenta (0%)
- Yellow (48%)
- Black (80%)



- Cyan (87%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2176027 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 2176027 by changing the saturation by 10% instead.

■ 2176027

■ 2176027

16777215

■ 925441

■ 5137223

■ 0

■ 6716510

■ 8426871

■ 10137745

■ 11914412

■ 13691079

■ 15597539

■ 2176027

■ 2176027

■ 1913878

■ 2438176

■ 1651729

■ 2700325

■ 1389579

■ 2962475

■ 1127430

■ 3224624

■ 865281

■ 3486773

■ 799744

■ 3748922

■ 4011071

■ 4273221

■ 4535370

Harmonies

Analogous

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



3223827



2176027



800296

Triad

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



2176027



406346



4858920

Complementary

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



2176027



3021620

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.



4597047



2176027



2502218

Square

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



2176027



13635



3811651



4597532

Rectangle

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



2176027



13873



3811651



4793389

Sweetspot

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



2176027



4080955



3419675



2040862



10724259



2368548

Same Dimension

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



2176027



2573597



1782817



1579543



1399040



3463424

Inverse Universe

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



3021620



3874117



3414830



1644314



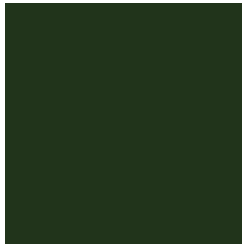
4456537



10813657

Previews

White Background



This preview shows how the Decimal color 2176027 looks on a white background.

Color Contrast Check

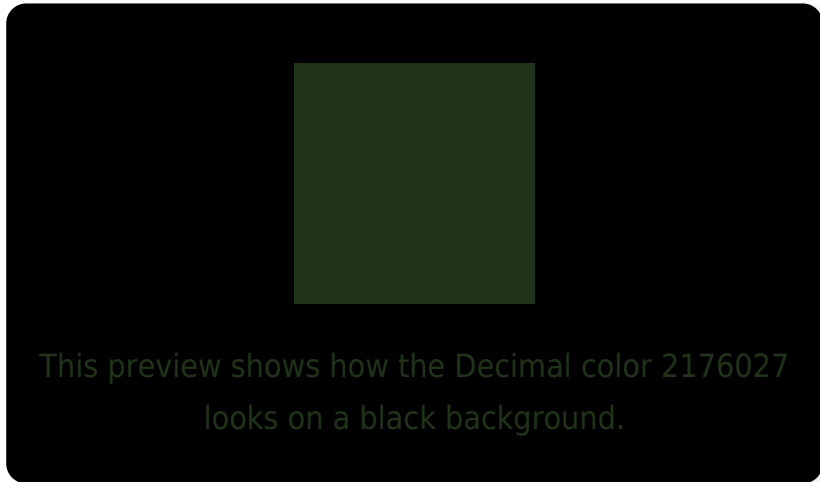
Large Text (above 18pt) WCAG AA ✓ Pass

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

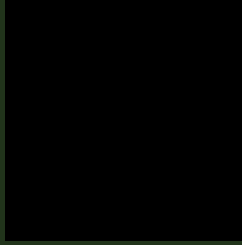
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

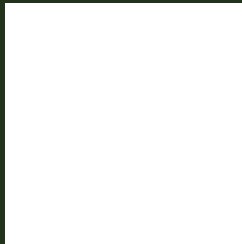
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 2176027 Background



This preview shows how black text looks on a background with the Decimal color 2176027.



This preview shows how white text looks on a background with the Decimal color 2176027.

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
2176027

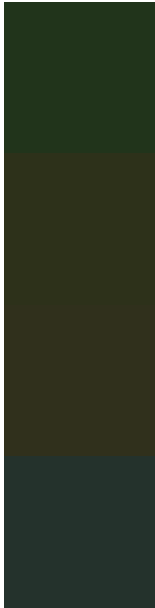
Protanopia
3419929

Deuteranopia
3747101



Tritanopia
2437429

Trichromacy



Original Color

2176027

Protanomaly

2961690

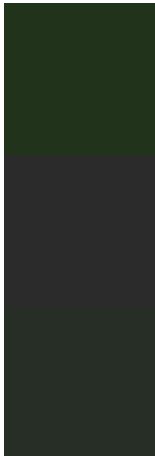
Deuteranomaly

3158044

Tritanomaly

2372140

Monochromacy



Original Color

2176027

Achromatopsia

2829099

Achromatomaly

2567717

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2176027 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 #21341B looks like.

```
.text, #text, p{  
    color:#21341B  
}
```

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 #21341B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21341B
}
```

Border

The CSS property to change the border of an element to Decimal 2176027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

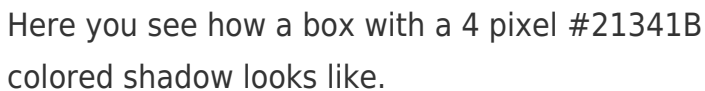
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21341B }
```

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

```
.border{ border-color:#21341B }
```

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



Here you see how a box with a 4 pixel #21341B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21341B; -webkit-box-shadow:4px 4px  
4px 4px #21341B; box-shadow:4px 4px 4px  
4px #21341B }
```

Background

The CSS property to change the background color of an element to Decimal 2176027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21341B }
```

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

```
.background{ background-color:#21341B }
```

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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