

Converting Colors

Decimal(2176538)

Have a look what the booklet for
Decimal(2176538) contains.

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Color

Decimal(2176538)

Conversions

Conversions Part 1

Format	Color
Hex	21361A
RGB	33, 54, 26
RGB Percent	13%, 21%, 10%
CMY	0.8706, 0.7882, 0.8980
CMYK	0.39, 0.00, 0.52, 0.79
HSL	105°, 35%, 16%
HSV	105°, 52%, 21%
XYZ	2.1328, 3.0362, 1.4509
YIQ	44.5290, -3.5280, -13.1600

Conversions

Conversions Part 2

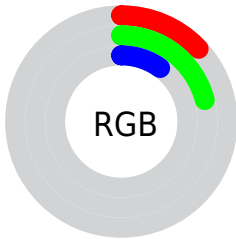
Format	Color
R_{YB}	26, 54, 47
Decimal	2176538
CIE _{Lab}	20.19, -14.96, 14.98
CIE _{LCh}	20, 21.166, 134.958
Yxy	3.0362, 0.3222, 0.4586
Android (android.graphics.Color)	4280366618 (0xFF21361A)
YUV	44.5290, -9.1348, -10.1109
Hunter-Lab	17.4248, -8.6449, 7.2604

Details

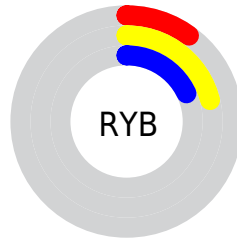
The Decimal color **2176538** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3086902**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **5137734**, and **256** is the 20% darker color. If you saturate the color by 10%, you get **1914389**, and if you desaturate by 10%, it is **2438687**.

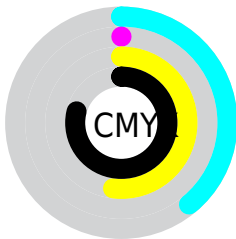
Distribution



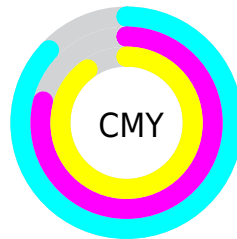
- Red (13%)
- Green (21%)
- Blue (10%)



- Red (10%)
- Yellow (21%)
- Blue (18%)



- Cyan (39%)
- Magenta (0%)
- Yellow (52%)
- Black (79%)



- Cyan (87%)
- Magenta (79%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2176538 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 2176538 by changing the saturation by 10% instead.

■ 2176538

■ 2176538

16777215

■ 925696

■ 5137734

■ 256

■ 6782557

■ 0

■ 8427638

■ 10138512

■ 11914923

■ 13757126

■ 15597538

■ 2176538

■ 2176538

■ 1914389

■ 2438687

■ 1652239

■ 2700837

■ 1390090

■ 2962986

■ 1127940

■ 3225136

■ 931328

■ 3487285

■ 3749434

■ 4011584

■ 4273733

■ 4535883

Harmonies

Analogous

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



3289618



2176538



473128

Triad

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



2176538



13646



5121066

Complementary

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



2176538



3086902

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.



4793657



2176538



2437199

Square

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



2176538



14406



3942983



4859675

Rectangle

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



2176538



14643



3942983



5055535

Sweetspot

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



2176538



4147004



3551002



2040861



10724259



2368548

Same Dimension

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



2176538



2508571



1717793



1711129



1530880



3660544

Inverse Universe

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



3086902



3939143



3545647



1775900



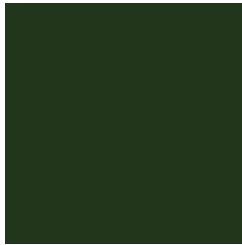
4522076



10748123

Previews

White Background



This preview shows how the Decimal color 2176538 looks on a white background.

Color Contrast Check

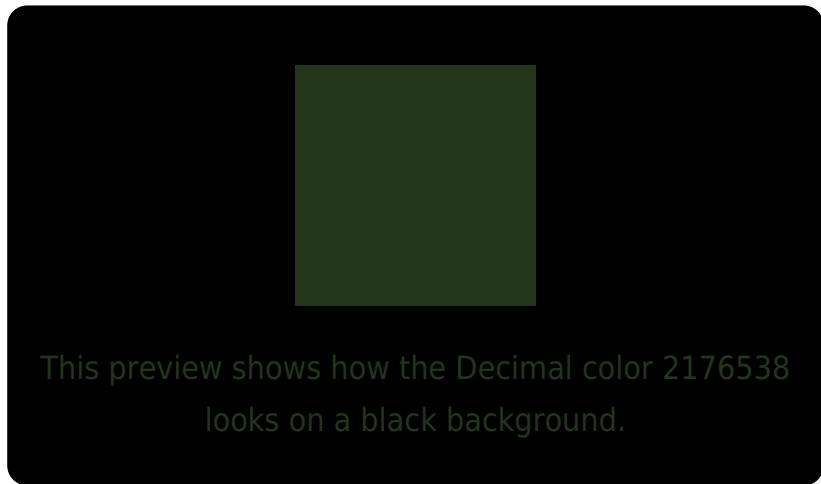
Large Text (above 18pt) WCAG AA ✓ Pass

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

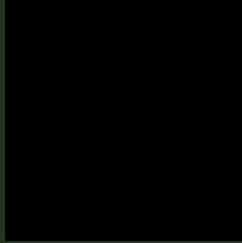
Any Text WCAG AA × Fail

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 2176538 Background



This preview shows how black text looks on a background with the Decimal color 2176538.



This preview shows how white text looks on a background with the Decimal color 2176538.

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
2176538

Protanopia
3551512

Deuteranopia
3878428



Tritanopia
2503479

Trichromacy



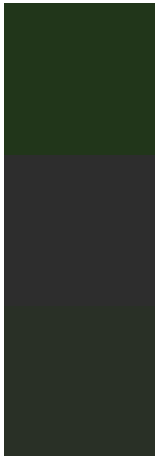
Original Color
2176538

Protanomaly
3027737

Deuteranomaly
3289371

Tritanomaly
2372652

Monochromacy



Original Color
2176538

Achromatopsia
2960685

Achromatomaly
2699302

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2176538 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 #21361A looks like.

```
.text, #text, p{  
    color:#21361A  
}
```

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 #21361A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21361A
}
```

Border

The CSS property to change the border of an element to Decimal 2176538 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".

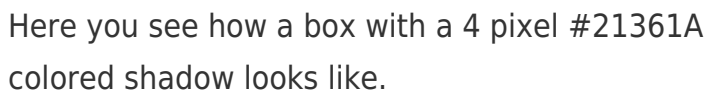
```
.border, #border, table{ border:4px solid
#21361A }
```

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

```
.border{ border-color:#21361A }
```

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

Here you see how a box with a 4 pixel #21361A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21361A; -webkit-box-shadow:4px 4px  
4px 4px #21361A; box-shadow:4px 4px 4px  
4px #21361A }
```

Background

The CSS property to change the background color of an element to Decimal 2176538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21361A }
```

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

```
.background{ background-color:#21361A }
```

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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