

Converting Colors

Decimal(2166021)

Have a look what the booklet for
Decimal(2166021) contains.

Decimal(2166021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2166021)

Conversions

Conversions Part 1

Format	Color
Hex	210D05
RGB	33, 13, 5
RGB Percent	13%, 5%, 2%
CMY	0.8706, 0.9490, 0.9804
CMYK	0.00, 0.61, 0.85, 0.87
HSL	17°, 74%, 7%
HSV	17°, 85%, 13%
XYZ	0.7985, 0.6221, 0.2216
YIQ	18.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

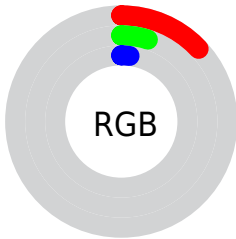
Format	Color
RYB	33, 16, 5
Decimal	2166021
CIELab	5.62, 8.49, 6.52
CIELCh	6, 10.703, 37.531
Yxy	0.6221, 0.4862, 0.3788
Android (android.graphics.Color)	4280356101 (0xFF210D05)
YUV	18.0680, -6.4425, 13.0954
Hunter-Lab	7.8876, 4.2676, 3.8557

Details

The Decimal color **2166021** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **334113**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **5060659**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2165506**, and if you desaturate by 10%, it is **2166536**.

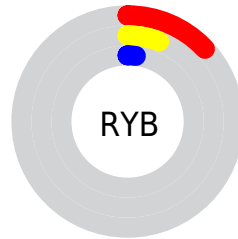
Distribution



Red (13%)

Green (5%)

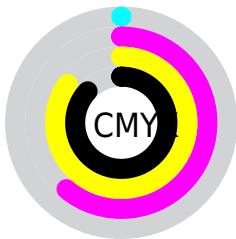
Blue (2%)



Red (13%)

Yellow (6%)

Blue (2%)

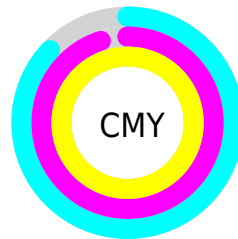


Cyan (0%)

Magenta (61%)

Yellow (85%)

Black (87%)



Cyan (87%)

Magenta (95%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2166021 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 2166021 by changing the saturation by 10% instead.

 2166021

 2166021

 16772582

 0

 5060659

 6639434

 8284001

 9994362

 11770516

 13612463

 15454410

 2166021

 2166021

■ 2165506

■ 2166536

■ 2164992

■ 2167308

■ 2167823

■ 2168338

■ 2169110

■ 2169625

■ 2170396

■ 2170911

■ 2171427

Harmonies

Analogous

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



2165776



2166021



1969920

Triad

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



2166021



5898



725537

Complementary

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



2166021



334113

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.



5408



2166021



5908

Square

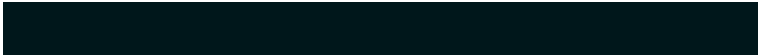
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2166021



857344



5915



1445662

Rectangle

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



2166021



1643008



5915



398113

Sweetspot

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



2166021



2827297



2163993



1511952



9868950



1513239

Same Dimension

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



2166021



2821120



2169605



986638



5183232



13581056

Inverse Universe

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



334113



7979



330529



921359



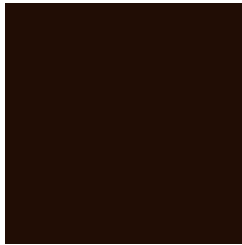
14415



38095

Previews

White Background



This preview shows how the Decimal color 2166021 looks on a white background.

Color Contrast Check

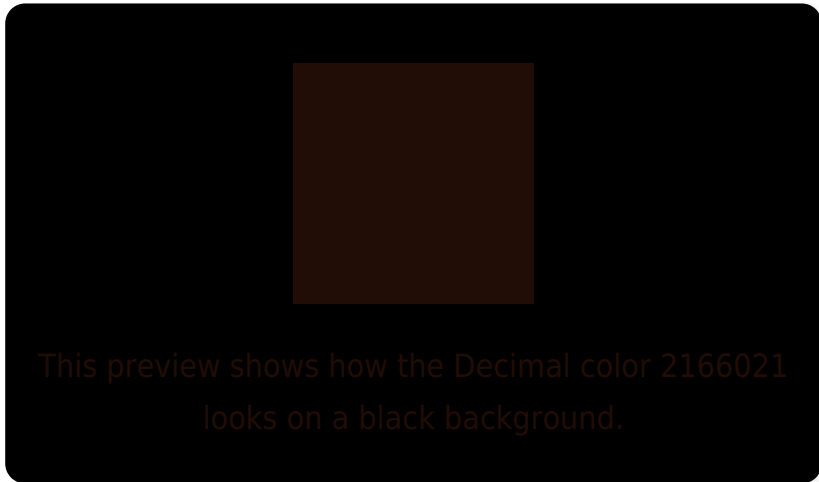
Large Text (above 18pt) WCAG AA ✓ Pass

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

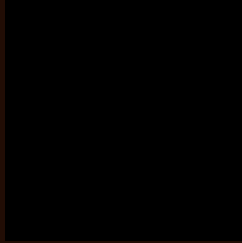
Any Text WCAG AA × Fail

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 2166021 Background



This preview shows how black text looks on a background with the Decimal color 2166021.

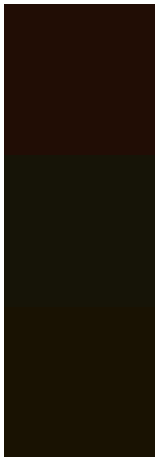


This preview shows how white text looks on a background with the Decimal color 2166021.

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](#).

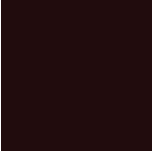
Dichromacy



Original Color
2166021

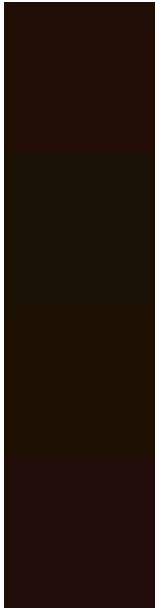
Protanopia
1446919

Deuteranopia
1643010



Tritanopia
2165773

Trichromacy



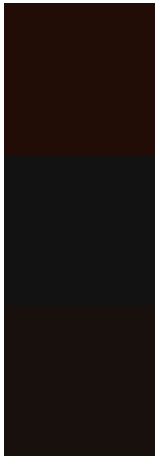
Original Color
2166021

Protanomaly
1708294

Deuteranomaly
1839107

Tritanomaly
2165770

Monochromacy



Original Color
2166021

Achromatopsia
1184274

Achromatomaly
1511437

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2166021 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 #210D05 looks like.

```
.text, #text, p{  
    color:#210D05  
}
```

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 #210D05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210D05
}
```

Border

The CSS property to change the border of an element to Decimal 2166021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

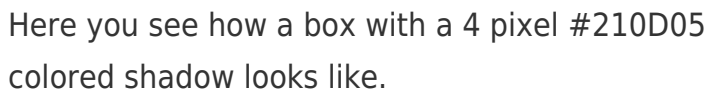
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210D05 }
```

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

```
.border{ border-color:#210D05 }
```

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



Here you see how a box with a 4 pixel #210D05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210D05; -webkit-box-shadow:4px 4px  
4px 4px #210D05; box-shadow:4px 4px 4px  
4px #210D05 }
```

Background

The CSS property to change the background color of an element to Decimal 2166021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210D05 }
```

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

```
.background{ background-color:#210D05 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor