

Converting Colors

Decimal(4211021)

Have a look what the booklet for
Decimal(4211021) contains.

Decimal(4211021)	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(4211021)

Conversions

Conversions Part 1

Format	Color
Hex	40414D
RGB	64, 65, 77
RGB Percent	25%, 25%, 30%
CMY	0.7490, 0.7451, 0.6980
CMYK	0.17, 0.16, 0.00, 0.70
HSL	235°, 9%, 28%
HSV	235°, 17%, 30%
XYZ	5.3442, 5.4064, 7.7830
YIQ	66.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

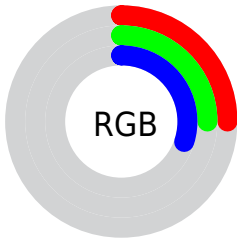
Format	Color
RYB	64, 65, 77
Decimal	4211021
CIELab	27.86, 2.49, -7.38
CIElCh	28, 7.786, 288.638
Yxy	5.4064, 0.2884, 0.2917
Android (android.graphics.Color)	4282401101 (0xFF40414D)
YUV	66.0690, 5.3890, -1.8145
Hunter-Lab	23.2517, 0.3363, -3.5700

Details

The Decimal color **4211021** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5065792**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **7369086**, and **1382177** is the 20% darker color. If you saturate the color by 10%, you get **3684941**, and if you desaturate by 10%, it is **4737101**.

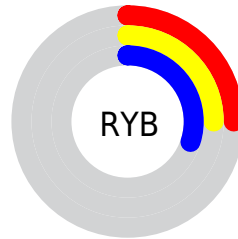
Distribution



Red (25%)

Green (25%)

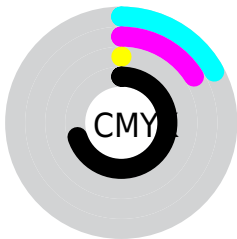
Blue (30%)



Red (25%)

Yellow (25%)

Blue (30%)

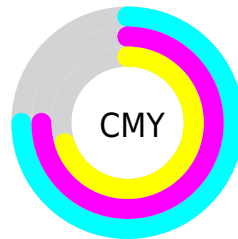


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (70%)



Cyan (75%)

Magenta (75%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4211021 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 4211021 by changing the saturation by 10% instead.



4211021



4211021

16777215



2763574



7369086



1382177



9013912



9



10790067



0



12566734



14343146



16251135



4211021



4211021



3684941



4737101

■ 3224397

■ 5197645

■ 2698317

■ 5723725

■ 2172237

■ 6249805

■ 1645901

■ 6776141

■ 1185357

■ 7236685

■ 659277

■ 7762765

■ 133197

■ 8288845

■ 1613

■ 8749389

Harmonies

Analogous

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



3752781



4211021



4669258

Triad

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



4211021



5062457



3556671

Complementary

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



4211021



5065792

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.



3949626



4211021



4800822

Square

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



4211021



5127742



4408118



3294533

Rectangle

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



4211021



4931142



4408118



3622205

Sweetspot

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



4211021



6184803



4214092



3158067



11776947



3355443

Same Dimension

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



4211021



5263715



4538445



2237222



2150



4838

Inverse Universe

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



5062721



6508625



4738368



2499107



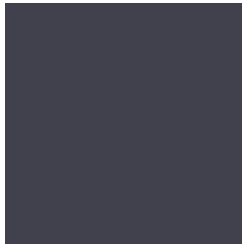
6684680



15073298

Previews

White Background



This preview shows how the Decimal color 4211021 looks on a white background.

Color Contrast Check

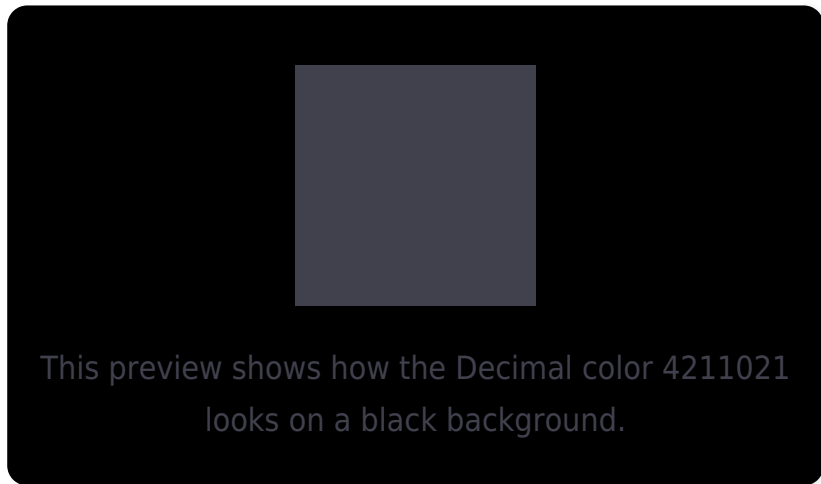
Large Text (above 18pt) WCAG AA ✓ Pass

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

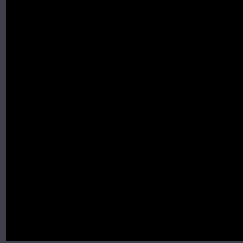
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

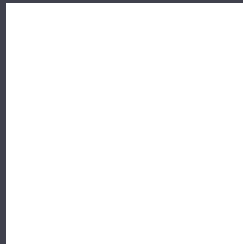
Any Text WCAG AAA × Fail

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

Decimal 4211021 Background



This preview shows how black text looks on a background with the Decimal color 4211021.



This preview shows how white text looks on a background with the Decimal color 4211021.

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](#).

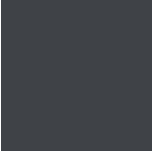
Dichromacy



Original Color
4211021

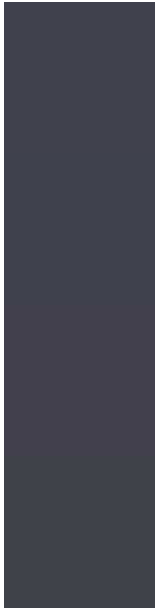
Protanopia
4145485

Deuteranopia
4407373



Tritanopia
4145735

Trichromacy



Original Color

4211021

Protanomaly

4145485

Deuteranomaly

4341837

Tritanomaly

4145737

Monochromacy



Original Color

4211021

Achromatopsia

4342338

Achromatomaly

4276806

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4211021 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 #40414D looks like.

```
.text, #text, p{  
  color:#40414D  
}
```

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 #40414D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40414D
}
```

Border

The CSS property to change the border of an element to Decimal 4211021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

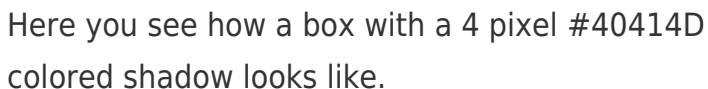
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40414D }
```

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

```
.border{ border-color:#40414D }
```

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



Here you see how a box with a 4 pixel #40414D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40414D; -webkit-box-shadow:4px 4px  
4px 4px #40414D; box-shadow:4px 4px 4px  
4px #40414D }
```

Background

The CSS property to change the background color of an element to Decimal 4211021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40414D }
```

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

```
.background{ background-color:#40414D }
```

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