

Converting Colors

Decimal(4211271)

Have a look what the booklet for
Decimal(4211271) contains.

Decimal(4211271)	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(4211271)

Conversions

Conversions Part 1

Format	Color
Hex	404247
RGB	64, 66, 71
RGB Percent	25%, 26%, 28%
CMY	0.7490, 0.7412, 0.7216
CMYK	0.10, 0.07, 0.00, 0.72
HSL	223°, 5%, 26%
HSV	223°, 10%, 28%
XYZ	5.1999, 5.4414, 6.7375
YIQ	65.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

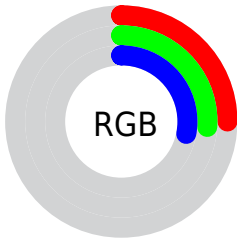
Format	Color
RYB	64, 66, 71
Decimal	4211271
CIELab	27.96, 0.34, -3.32
CIElCh	28, 3.336, 275.885
Yxy	5.4414, 0.2992, 0.3131
Android (android.graphics.Color)	4282401351 (0xFF404247)
YUV	65.9720, 2.4788, -1.7294
Hunter-Lab	23.3267, -1.0312, -0.7961

Details

The Decimal color **4211271** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4670784**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **7369335**, and **1447708** is the 20% darker color. If you saturate the color by 10%, you get **3751239**, and if you desaturate by 10%, it is **4671303**.

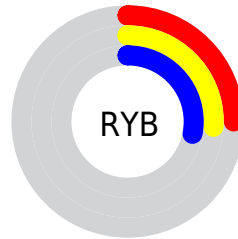
Distribution



Red (25%)

Green (26%)

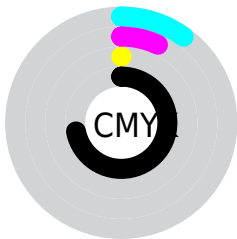
Blue (28%)



Red (25%)

Yellow (26%)

Blue (28%)

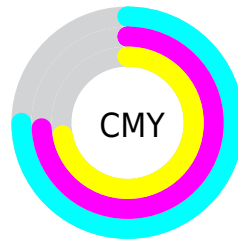


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (72%)



Cyan (75%)

Magenta (74%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4211271 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 4211271 by changing the saturation by 10% instead.

■ 4211271

■ 4211271

16777215

■ 2763825

■ 7369335

■ 1447708

■ 9014161

■ 0

■ 10725035

■ 12501447

■ 14343651

■ 16251391

■ 4211271

■ 4211271

■ 3751239

■ 4671303

■ 3291207

■ 5131335

■ 2831175

■ 5591367

■ 2371143

■ 6051399

■ 1845575

■ 6576967

■ 1385543

■ 7036999

■ 925511

■ 7497031

■ 465223

■ 7957319

■ 5191

■ 8417351

Harmonies

Analogous

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



4014919



4211271



4407622

Triad

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



4211271



4735039



4080448

Complementary

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



4211271



4670784

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.



4277054



4211271



4604221

Square

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



4211271



4669506



4473405



3949634

Rectangle

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



4211271



4538693



4473405



4145983

Sweetspot

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



4211271



5855836



4212549



2895150



11382189



3026478

Same Dimension

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



4211271



5330012



4276295



2105636



7267



16867

Inverse Universe

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



4669506



6050132



4605760



2367521



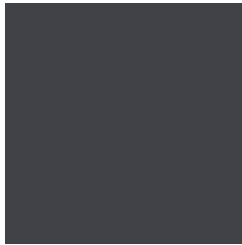
6488092



14876737

Previews

White Background



This preview shows how the Decimal color 4211271 looks on a white background.

Color Contrast Check

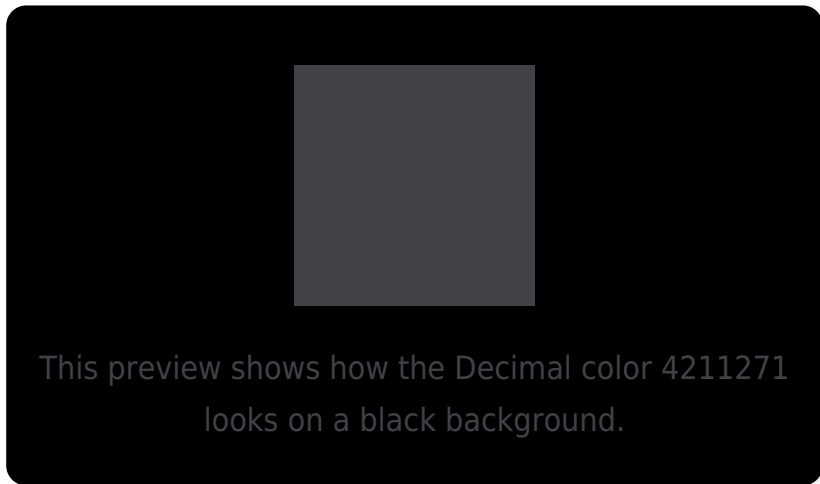
Large Text (above 18pt) WCAG AA ✓ Pass

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

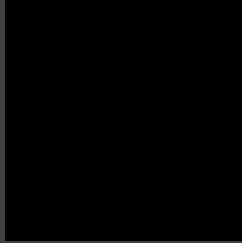
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

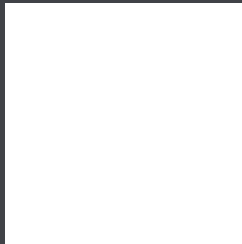
Any Text WCAG AAA × Fail

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

Decimal 4211271 Background



This preview shows how black text looks on a background with the Decimal color 4211271.

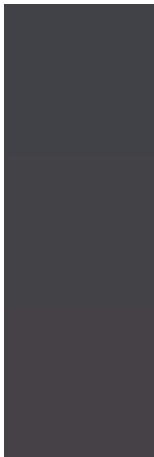


This preview shows how white text looks on a background with the Decimal color 4211271.

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
4211271

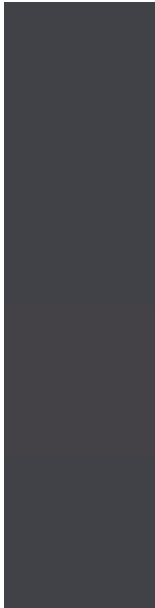
Protanopia
4342343

Deuteranopia
4603975



Tritanopia
4211271

Trichromacy



Original Color

4211271

Protanomaly

4276807

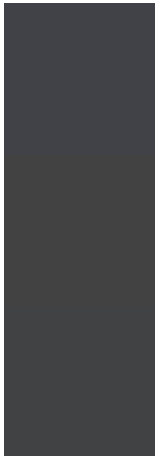
Deuteranomaly

4473159

Tritanomaly

4211271

Monochromacy



Original Color

4211271

Achromatopsia

4342338

Achromatomaly

4276804

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4211271 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 #404247 looks like.

```
.text, #text, p{  
  color:#404247  
}
```

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 #404247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404247
}
```

Border

The CSS property to change the border of an element to Decimal 4211271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

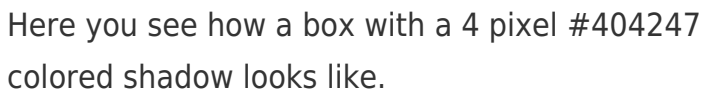
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404247 }
```

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

```
.border{ border-color:#404247 }
```

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



Here you see how a box with a 4 pixel #404247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404247; -webkit-box-shadow:4px 4px  
4px 4px #404247; box-shadow:4px 4px 4px  
4px #404247 }
```

Background

The CSS property to change the background color of an element to Decimal 4211271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404247 }
```

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

```
.background{ background-color:#404247 }
```

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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