

Converting Colors

Decimal(4211201)

Have a look what the booklet for
Decimal(4211201) contains.

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Color

Decimal(4211201)

Conversions

Conversions Part 1

Format	Color
Hex	404201
RGB	64, 66, 1
RGB Percent	25%, 26%, 0%
CMY	0.7490, 0.7412, 0.9961
CMYK	0.03, 0.00, 0.98, 0.74
HSL	62°, 97%, 13%
HSV	62°, 98%, 26%
XYZ	4.0680, 4.9886, 0.7772
YIQ	57.9920, 19.6730, -20.6390

Conversions

Conversions Part 2

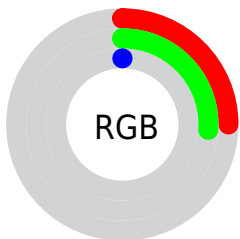
Format	Color
RYB	1, 66, 3
Decimal	4211201
CIELab	26.70, -9.16, 34.92
CIELCh	27, 36.104, 104.703
Yxy	4.9886, 0.4137, 0.5073
Android (android.graphics.Color)	4282401281 (0xFF404201)
YUV	57.9920, -28.0971, 5.2690
Hunter-Lab	22.3352, -6.5753, 13.5715

Details

The Decimal color **4211201** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **196930**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **7500338**, and **858112** is the 20% darker color. If you saturate the color by 10%, you get **4211200**, and if you desaturate by 10%, it is **4211208**.

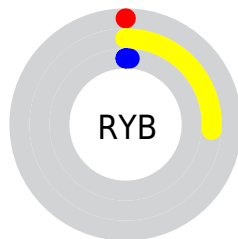
Distribution



Red (25%)

Green (26%)

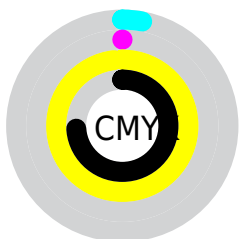
Blue (0%)



Red (0%)

Yellow (26%)

Blue (1%)

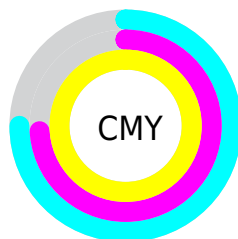


Cyan (3%)

Magenta (0%)

Yellow (98%)

Black (74%)



Cyan (75%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4211201 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 4211201 by changing the saturation by 10% instead.

 4211201

 4211201

 16777193

 2698240

 7500338

 858112

 9276234

 0

 11052386

 12894332

 14736534

 16644529

 16777165

 4211201

 4211201

■ 4211200

■ 4211208

■ 4211214

■ 4276757

■ 4276763

■ 4276770

■ 4276777

■ 4276783

■ 4342326

■ 4342332

Harmonies

Analogous

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



5781764



4211201



2115605

Triad

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



4211201



19301



6956622

Complementary

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



4211201



196930

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.



5386855



4211201



18036

Square

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



4211201



19532



2113141



7414835

Rectangle

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



4211201



18982



2113141



6564183

Sweetspot

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



4211201



5658429



4325889



2829084



11250603



2829099

Same Dimension

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



4211201



5527296



2114049



2171166



6185216



14278656

Inverse Universe

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



196930



196695



2294082



1973793



196705



458976

Previews

White Background



This preview shows how the Decimal color 4211201 looks on a white background.

Color Contrast Check

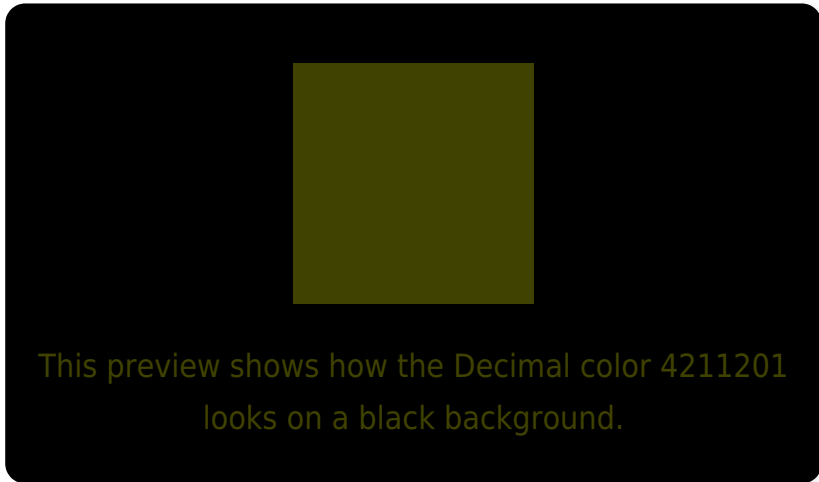
Large Text (above 18pt) WCAG AA ✓ Pass

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

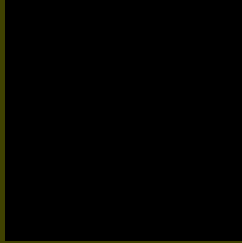
Any Text WCAG AA × Fail

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 4211201 Background



This preview shows how black text looks on a background with the Decimal color 4211201.



This preview shows how white text looks on a background with the Decimal color 4211201.

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
4211201

Protanopia
4669440

Deuteranopia
5258250



Tritanopia
4472130

Trichromacy



Original Color
4211201

Protanomaly
4473088

Deuteranomaly
4865543

Tritanomaly
4407082

Monochromacy



Original Color
4211201

Achromatopsia
3815994

Achromatomaly
3947813

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4211201 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 #404201 looks like.

```
.text, #text, p{  
    color:#404201  
}
```

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 #404201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404201
}
```

Border

The CSS property to change the border of an element to Decimal 4211201 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
#404201 }
```

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

```
.border{ border-color:#404201 }
```

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

Here you see how a box with a 4 pixel #404201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404201; -webkit-box-shadow:4px 4px  
4px 4px #404201; box-shadow:4px 4px 4px  
4px #404201 }
```

Background

The CSS property to change the background color of an element to Decimal 4211201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404201 }
```

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

```
.background{ background-color:#404201 }
```

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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