

Converting Colors

Decimal(1201)

Have a look what the booklet for
Decimal(1201) contains.

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Color

Decimal(1201)

Conversions

Conversions Part 1

Format	Color
Hex	0004B1
RGB	0, 4, 177
RGB Percent	0%, 2%, 69%
CMY	1.0000, 0.9843, 0.3059
CMYK	1.00, 0.98, 0.00, 0.31
HSL	239°, 100%, 35%
HSV	239°, 100%, 69%
XYZ	7.9792, 3.2612, 41.8039
YIQ	22.5260, -57.9170, 52.9550

Conversions

Conversions Part 2

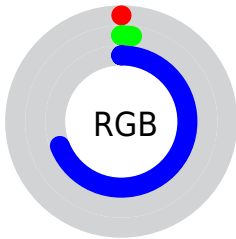
Format	Color
RYB	0, 4, 177
Decimal	1201
CIELab	21.06, 59.19, -81.46
CIELCh	21, 100.695, 306.001
Yxy	3.2612, 0.1504, 0.0615
Android (android.graphics.Color)	4278191281 (0xFF0004B1)
YUV	22.5260, 76.1557, -19.7553
Hunter-Lab	18.0587, 47.2676, -124.6089

Details

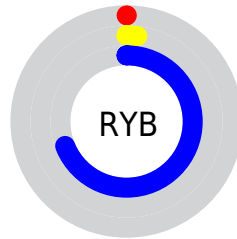
The Decimal color **1201** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **11644160**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **6438378**, and **123** is the 20% darker color. If you saturate the color by 10%, you get **1201**, and if you desaturate by 10%, it is **1185201**.

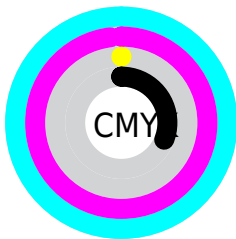
Distribution



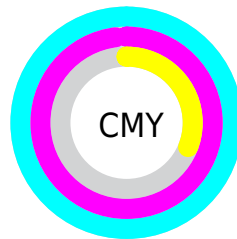
- Red (0%)
- Green (2%)
- Blue (69%)



- Red (0%)
- Yellow (2%)
- Blue (69%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (98%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1201 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 1201 by changing the saturation by 10% instead.

 1201  1201

 16776447  149

 6438378  123

 8542207  97


 10580479  2120

 12618751  1072

 14657279  282

 16696063  0

 16769023

 1201

■ 1185201

■ 2303921

■ 3487921

■ 4671921

■ 5855921

■ 6974641

■ 8158641

■ 9342641

■ 10461361

Harmonies

Analogous

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



16336



1201



9240689

Triad

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



1201



7079168



18241

Complementary

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



1201



11644160

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.



17920



1201



3290624

Square

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



1201



9699328



16896



19340

Rectangle

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



1201



10616897



16896



18214

Sweetspot

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



1201



10592998



45483



4803187



15921906



7566195

Same Dimension

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



1201



1510



5439665



5263705



921



282

Inverse Universe

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



11599876



15073285



6205696



5853265



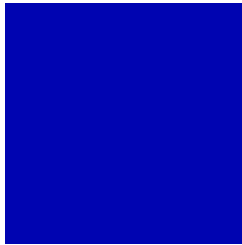
10027011



1703937

Previews

White Background



This preview shows how the Decimal color 1201 looks on a white background.

Color Contrast Check

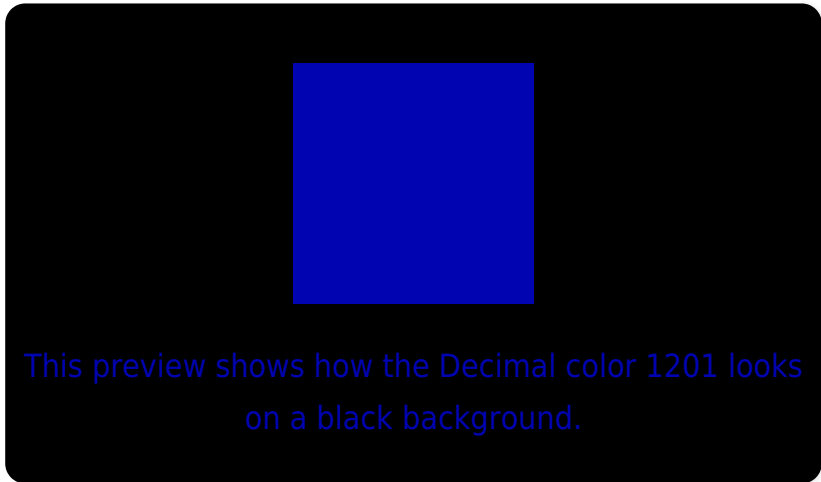
Large Text (above 18pt) WCAG AA ✓ Pass

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

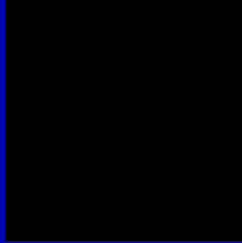
Any Text WCAG AA × Fail

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 1201 Background



This preview shows how black text looks on a background with the Decimal color 1201.

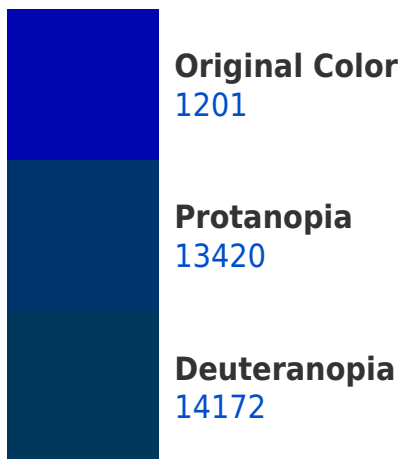


This preview shows how white text looks on a background with the Decimal color 1201.

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



Trichromacy



Original Color
1201

Protanomaly
9093

Deuteranomaly
9339

Tritanomaly
10344

Monochromacy



Original Color
1201

Achromatopsia
1513239

Achromatomaly
987215

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1201 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 #0004B1 looks like.

```
.text, #text, p{  
    color:#0004B1  
}
```

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 #0004B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0004B1  
}
```

Border

The CSS property to change the border of an element to Decimal 1201 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  
#0004B1 }
```

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

```
.border{ border-color:#0004B1 }
```

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

Here you see how a box with a 4 pixel #0004B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0004B1; -webkit-box-shadow:4px 4px  
4px 4px #0004B1; box-shadow:4px 4px 4px  
4px #0004B1 }
```

Background

The CSS property to change the background color of an element to Decimal 1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0004B1 }
```

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

```
.background{ background-color:#0004B1 }
```

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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