

Converting Colors

Decimal(2216)

Have a look what the booklet for
Decimal(2216) contains.

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Color

Decimal(2216)

Conversions

Conversions Part 1

Format	Color
Hex	0008A8
RGB	0, 8, 168
RGB Percent	0%, 3%, 66%
CMY	1.0000, 0.9686, 0.3412
CMYK	1.00, 0.95, 0.00, 0.34
HSL	237°, 100%, 33%
HSV	237°, 100%, 66%
XYZ	7.1547, 3.0008, 37.2479
YIQ	23.8480, -56.1280, 48.0640

Conversions

Conversions Part 2

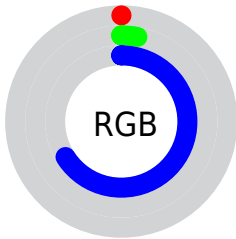
Format	Color
RYB	0, 8, 168
Decimal	2216
CIELab	20.05, 55.74, -77.73
CIELCh	20, 95.647, 305.646
Yxy	3.0008, 0.1509, 0.0633
Android (android.graphics.Color)	4278192296 (0xFF0008A8)
YUV	23.8480, 71.0669, -20.9147
Hunter-Lab	17.3229, 43.4093, -115.3603

Details

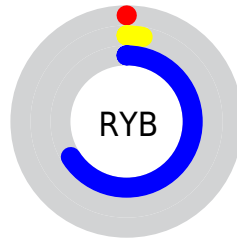
The Decimal color **2216** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **11051008**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **6242017**, and **114** is the 20% darker color. If you saturate the color by 10%, you get **2216**, and if you desaturate by 10%, it is **1120424**.

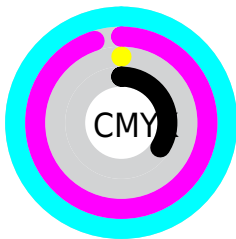
Distribution



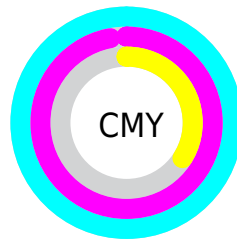
- Red (0%)
- Green (3%)
- Blue (66%)



- Red (0%)
- Yellow (3%)
- Blue (66%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (34%)




- Cyan (100%)
- Magenta (97%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 2216 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 2216 by changing the saturation by 10% instead.

 2216  2216

 16776191  141

 6242017  114

 8345598  856

 10318335  1856

 12356607  809

 14329599  275

 16368383  0

 16768767

 2216

■ 1120424

■ 2238632

■ 3291304

■ 4409512

■ 5527720

■ 6645928

■ 7764136

■ 8816808

■ 9935016

Harmonies

Analogous

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



15557



2216



8716396

Triad

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



2216



6751744



17469

Complementary

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



2216



11051008

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.



17152



2216



3224320

Square

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



2216



9240576



16128



18308

Rectangle

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



2216



10027070



16128



17444

Sweetspot

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



2216



10132955



43168



4606062



15592941



7237230

Same Dimension

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



2216



2779



4980904



5000276



1940



276

Inverse Universe

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



11010056



14352394



6072320



5524556



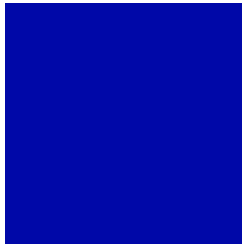
9699335



1310721

Previews

White Background



This preview shows how the Decimal color 2216 looks on a white background.

Color Contrast Check

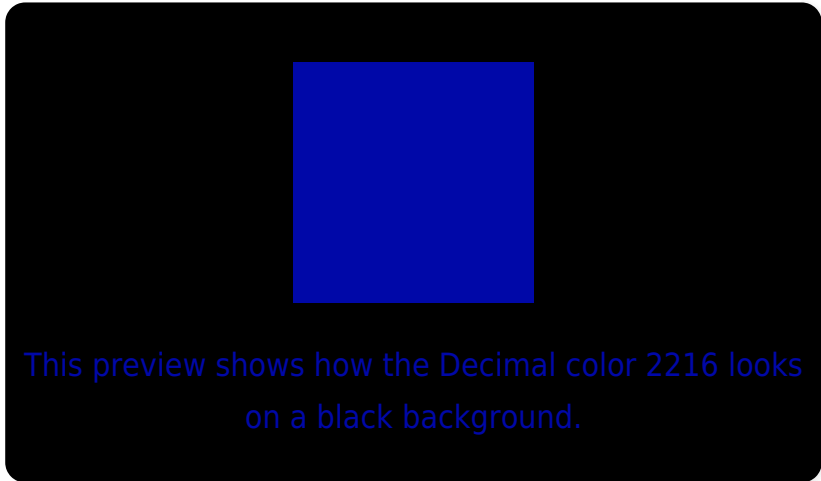
Large Text (above 18pt) WCAG AA ✓ Pass

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

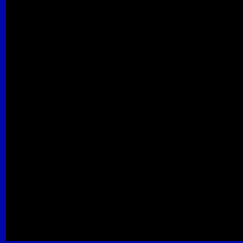
Any Text WCAG AA × Fail

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 2216 Background



This preview shows how black text looks on a background with the Decimal color 2216.

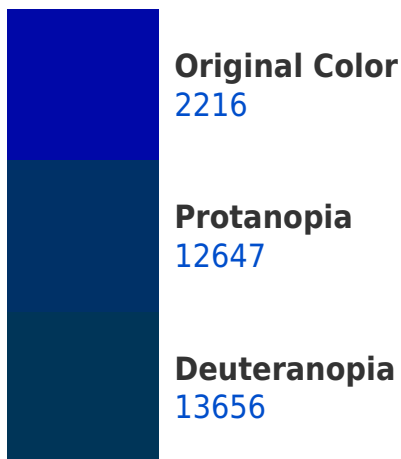



This preview shows how white text looks on a background with the Decimal color 2216.

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





Tritanopia
14651

Trichromacy



Original Color
2216

Protanomaly
8831

Deuteranomaly
9589

Tritanomaly
10083

Monochromacy



Original Color
2216

Achromatopsia
1579032

Achromatomaly
987724

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2216 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 #0008A8 looks like.

```
.text, #text, p{  
  color:#0008A8  
}
```

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 #0008A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0008A8
}
```

Border

The CSS property to change the border of an element to Decimal 2216 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
#0008A8 }
```

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

```
.border{ border-color:#0008A8 }
```

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

Here you see how a box with a 4 pixel #0008A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0008A8; -webkit-box-shadow:4px 4px  
4px 4px #0008A8; box-shadow:4px 4px 4px  
4px #0008A8 }
```

Background

The CSS property to change the background color of an element to Decimal 2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0008A8 }
```

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

```
.background{ background-color:#0008A8 }
```

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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