

Converting Colors

Decimal(1968)

Have a look what the booklet for
Decimal(1968) contains.

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Color

Decimal(1968)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0007B0 |
| RGB | 0, 7, 176 |
| RGB Percent | 0%, 3%, 69% |
| CMY | 1.0000, 0.9725, 0.3098 |
| CMYK | 1.00, 0.96, 0.00, 0.31 |
| HSL | 238°, 100%, 35% |
| HSV | 238°, 100%, 69% |
| XYZ | 7.9125, 3.2865, 41.2916 |
| YIQ | 24.1730, -58.4210, 51.0750 |

Conversions

Conversions Part 2

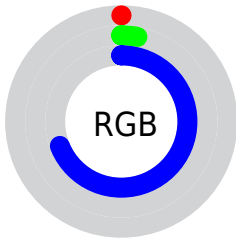
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 7, 176 |
| Decimal | 1968 |
| CIELab | 21.16, 58.16, -80.70 |
| CIELCh | 21, 99.476, 305.780 |
| Yxy | 3.2865, 0.1507, 0.0626 |
| Android (android.graphics.Color) | 4278192048 (0xFF0007B0) |
| YUV | 24.1730, 74.8507, -21.1997 |
| Hunter-Lab | 18.1288, 46.1821, -122.3533 |

Details

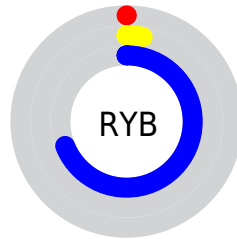
The Decimal color **1968** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **11577600**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **6438633**, and **122** is the 20% darker color. If you saturate the color by 10%, you get **1968**, and if you desaturate by 10%, it is **1185968**.

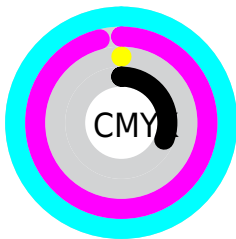
Distribution



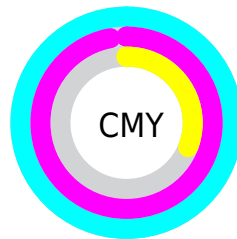
- Red (0%)
- Green (3%)
- Blue (69%)



- Red (0%)
- Yellow (3%)
- Blue (69%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (97%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1968 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 1968 by changing the saturation by 10% instead.

 1968  1968

 16776703  148

 6438633  122

 8542463  96

 10580735  2119

 12553471  1071

 14592255  282

 16630783  0

 16769279

 1968

■ 1185968

■ 2304432

■ 3488432

■ 4606896

■ 5790896

■ 6974640

■ 8093104

■ 9277104

■ 10395568

Harmonies

Analogous

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



16334



1968



9175153

Triad

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



1968



7079424



18496

Complementary

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



1968



11577600

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



1968



3356160

Square

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



1968



9633792



16896



19338

Rectangle

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



1968



10551361



16896



18214

Sweetspot

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



1968



10593254



45223



4803443



15921906



7566195

Same Dimension

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



1968



2534



5177520



5263705



1689



282

Inverse Universe

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



11534343



15073289



6402048



5853265



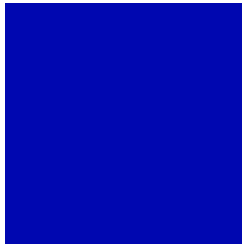
10027014



1703937

Previews

White Background



This preview shows how the Decimal color 1968 looks on a white background.

Color Contrast Check

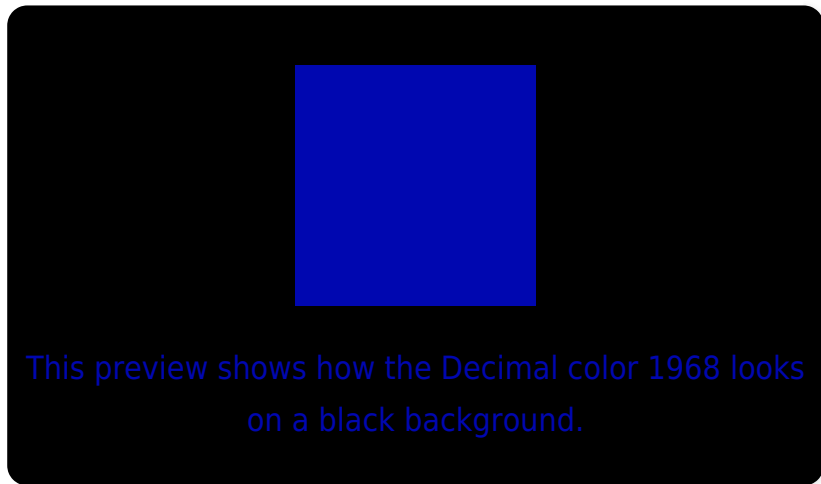
Large Text (above 18pt) WCAG AA ✓ Pass

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

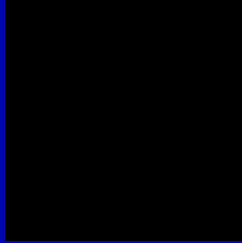
Any Text WCAG AA × Fail

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 1968 Background



This preview shows how black text looks on a background with the Decimal color 1968.

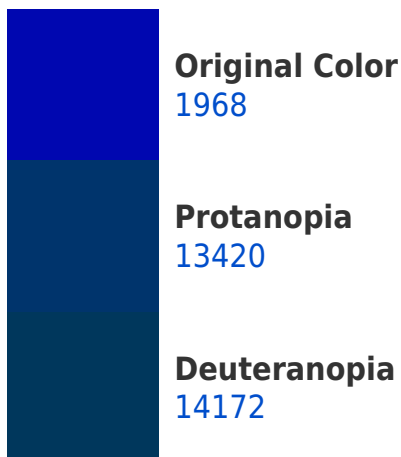



This preview shows how white text looks on a background with the Decimal color 1968.

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](#).

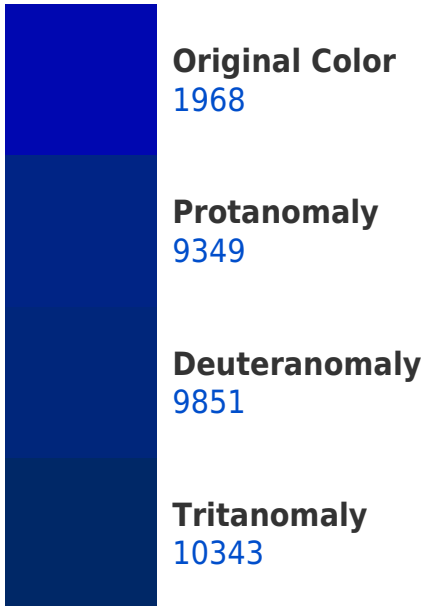
Dichromacy





Tritanopia
15166

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1968 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 #0007B0 looks like.

```
.text, #text, p{  
    color:#0007B0  
}
```

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 #0007B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0007B0
}
```

Border

The CSS property to change the border of an element to Decimal 1968 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
#0007B0 }
```

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

```
.border{ border-color:#0007B0 }
```

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

Here you see how a box with a 4 pixel #0007B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0007B0; -webkit-box-shadow:4px 4px  
4px 4px #0007B0; box-shadow:4px 4px 4px  
4px #0007B0 }
```

Background

The CSS property to change the background color of an element to Decimal 1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0007B0 }
```

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

```
.background{ background-color:#0007B0 }
```

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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