

Converting Colors

Decimal(33218)

Have a look what the booklet for
Decimal(33218) contains.

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Color

Decimal(33218)

Conversions

Conversions Part 1

Format	Color
Hex	0081C2
RGB	0, 129, 194
RGB Percent	0%, 51%, 76%
CMY	1.0000, 0.4941, 0.2392
CMYK	1.00, 0.34, 0.00, 0.24
HSL	200°, 100%, 38%
HSV	200°, 100%, 76%
XYZ	17.5879, 19.5956, 53.8943
YIQ	97.8390, -97.7490, -7.1330

Conversions

Conversions Part 2

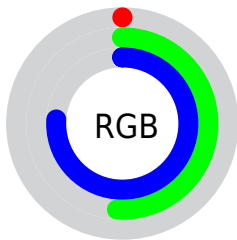
Format	Color
RYB	0, 77, 194
Decimal	33218
CIELab	51.38, -5.49, -42.04
CIELCh	51, 42.397, 262.555
Yxy	19.5956, 0.1931, 0.2152
Android (android.graphics.Color)	4278223298 (0xFF0081C2)
YUV	97.8390, 47.4074, -85.8048
Hunter-Lab	44.2669, -6.5464, -41.1979

Details

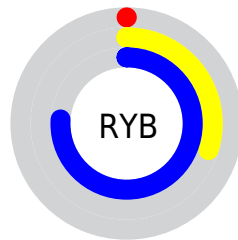
The Decimal color **33218** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **12730624**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6338299**, and **20620** is the 20% darker color. If you saturate the color by 10%, you get **33218**, and if you desaturate by 10%, it is **1279938**.

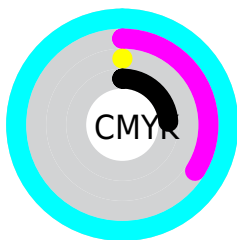
Distribution



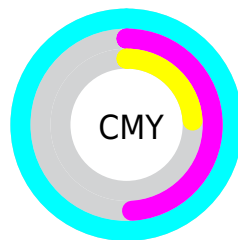
- Red (0%)
- Green (51%)
- Blue (76%)



- Red (0%)
- Yellow (30%)
- Blue (76%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)

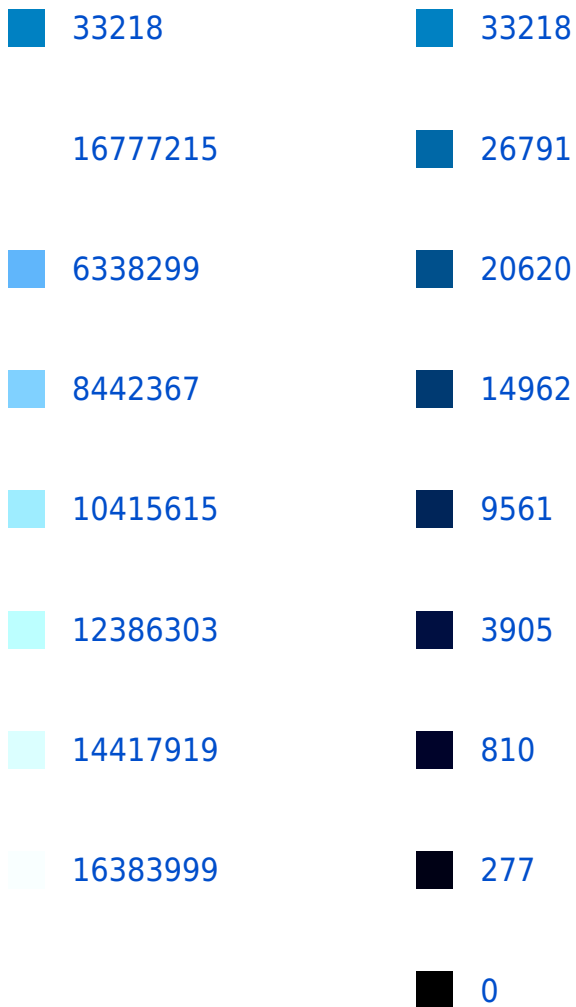


- Cyan (100%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33218 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 33218 by changing the saturation by 10% instead.



33218

■ 1279938

■ 2592450

■ 3839170

■ 5151682

■ 6398402

■ 7645378

■ 8957634

■ 10204610

■ 11516866

Harmonies

Analogous

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



35251



33218



7238845

Triad

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



33218



12475745



4819021

Complementary

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



33218



12730624

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.



7635252



33218



11626562

Square

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



33218



12082309



9925936



35952

Rectangle

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



33218



9530288



9925936



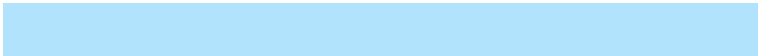
5867075

Sweetspot

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



33218



11658236



49729



5402752



0



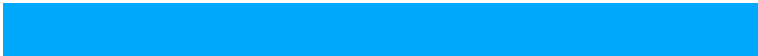
8421504

Same Dimension

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



33218



43260



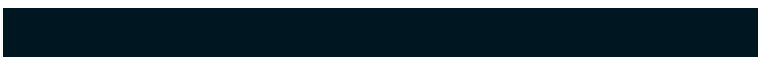
8386



5725793



27553



5665

Inverse Universe

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



12714113



16515240



12755456



6379358



10551403



2162710

Previews

White Background



This preview shows how the Decimal color 33218 looks on a white background.

Color Contrast Check

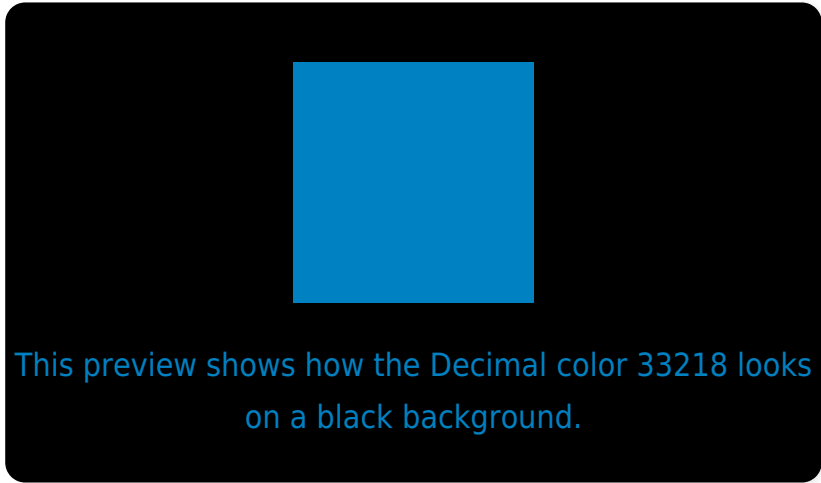
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

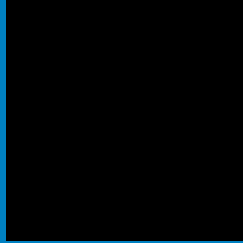
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 33218 Background



This preview shows how black text looks on a background with the Decimal color 33218.



This preview shows how white text looks on a background with the Decimal color 33218.

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](#).

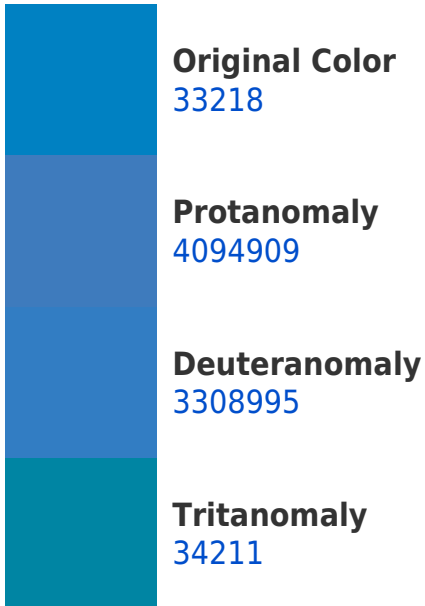
Dichromacy





Tritanopia
34961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 33218 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 #0081C2 looks like.

```
.text, #text, p{  
    color:#0081C2  
}
```

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 #0081C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081C2
}
```

Border

The CSS property to change the border of an element to Decimal 33218 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
#0081C2 }
```

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

```
.border{ border-color:#0081C2 }
```

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

Here you see how a box with a 4 pixel #0081C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081C2; -webkit-box-shadow:4px 4px  
4px 4px #0081C2; box-shadow:4px 4px 4px  
4px #0081C2 }
```

Background

The CSS property to change the background color of an element to Decimal 33218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081C2 }
```

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

```
.background{ background-color:#0081C2 }
```

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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