

Converting Colors

Decimal(21976)

Have a look what the booklet for
Decimal(21976) contains.

Decimal(21976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(21976)

Conversions

Conversions Part 1

Format	Color
Hex	0055D8
RGB	0, 85, 216
RGB Percent	0%, 33%, 85%
CMY	1.0000, 0.6667, 0.1529
CMYK	1.00, 0.61, 0.00, 0.15
HSL	216°, 100%, 42%
HSV	216°, 100%, 85%
XYZ	15.6432, 11.4549, 66.3523
YIQ	74.5190, -92.7110, 22.7210

Conversions

Conversions Part 2

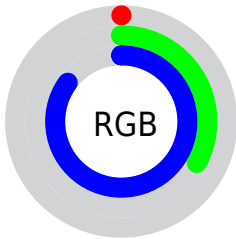
Format	Color
R _{YB}	0, 61, 216
Decimal	21976
CIE Lab	40.34, 31.18, -72.43
CIE LCh	40, 78.857, 293.291
Yxy	11.4549, 0.1674, 0.1226
Android (android.graphics.Color)	4278212056 (0xFF0055D8)
YUV	74.5190, 69.7501, -65.3532
Hunter-Lab	33.8450, 23.2738, -92.5449

Details

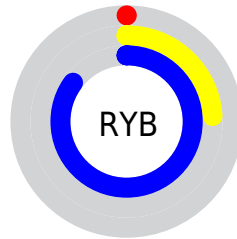
The Decimal color **21976** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **14189312**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **6850303**, and **10912** is the 20% darker color. If you saturate the color by 10%, you get **21976**, and if you desaturate by 10%, it is **1467096**.

Distribution



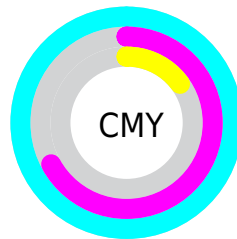
- Red (0%)
- Green (33%)
- Blue (85%)



- Red (0%)
- Yellow (24%)
- Blue (85%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)

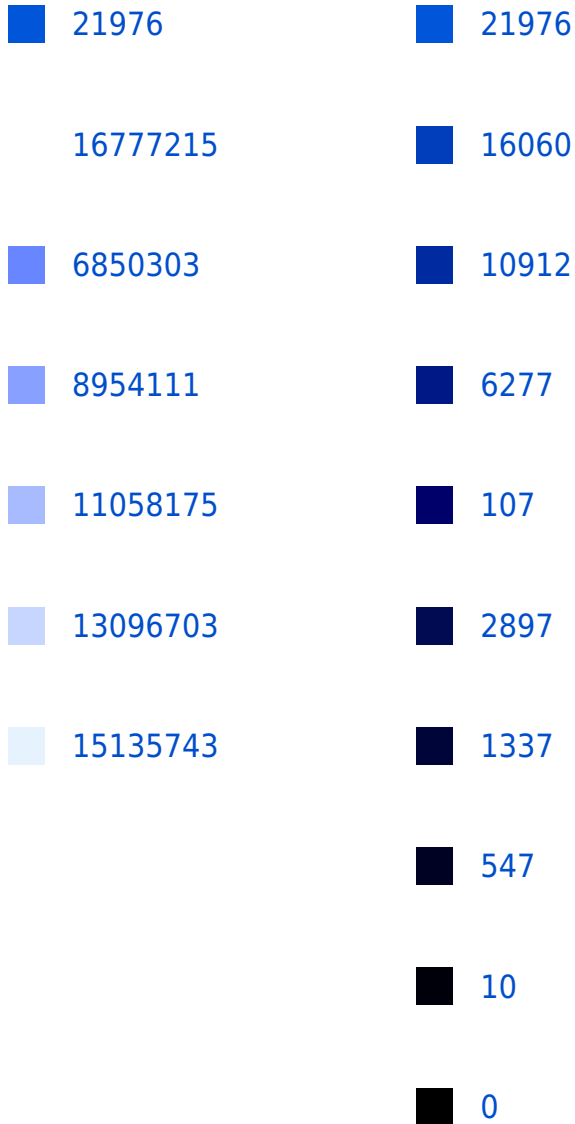


- Cyan (100%)
- Magenta (67%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21976 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 21976 by changing the saturation by 10% instead.



- 21976
- 1467096
- 2846680
- 4291800
- 5671384
- 7116760
- 8561880
- 9941464
- 11386584
- 12766168

Harmonies

Analogous

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



28130



21976



10168238

Triad

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



21976



11416832



30542

Complementary

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



21976



14189312

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.



29440



21976



8476672

Square

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



21976



13107249



4483584



31121

Rectangle

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



21976



12320902



4483584



30263

Sweetspot

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



21976



11784703



55426



5399680



0



8421504

Same Dimension

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



21976



25855



1442008



6317419



17323



4395

Inverse Universe

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



14155861



16711780



12769280



7037029



11206723



2818065

Previews

White Background



This preview shows how the Decimal color 21976 looks on a white background.

Color Contrast Check

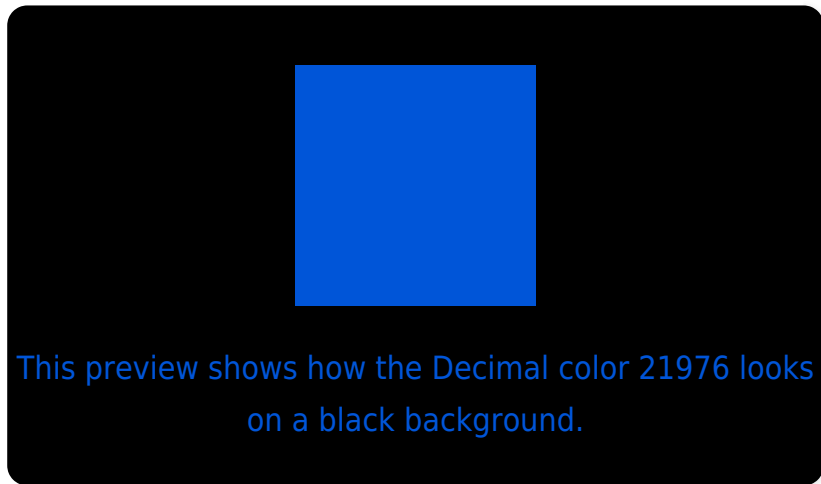
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

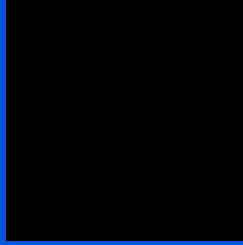
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 21976 Background



This preview shows how black text looks on a background with the Decimal color 21976.

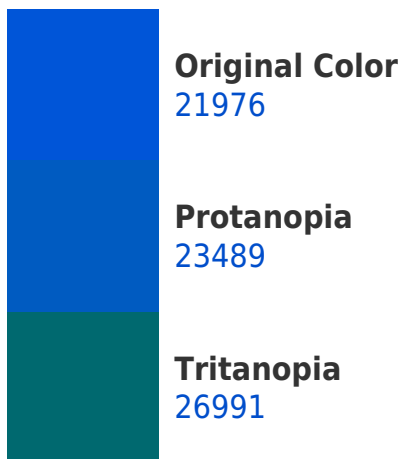


This preview shows how white text looks on a background with the Decimal color 21976.

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
21976

Protanomaly
22985

Tritanomaly
25237

Monochromacy



Original Color
21976

Achromatopsia
4934475

Achromatomaly
3166078

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21976 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 #0055D8 looks like.

```
.text, #text, p{  
    color:#0055D8  
}
```

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 #0055D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0055D8
}
```

Border

The CSS property to change the border of an element to Decimal 21976 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
#0055D8 }
```

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

```
.border{ border-color:#0055D8 }
```

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

Here you see how a box with a 4 pixel #0055D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0055D8; -webkit-box-shadow:4px 4px  
4px 4px #0055D8; box-shadow:4px 4px 4px  
4px #0055D8 }
```

Background

The CSS property to change the background color of an element to Decimal 21976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0055D8 }
```

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

```
.background{ background-color:#0055D8 }
```

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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