

Converting Colors

Decimal(20961)

Have a look what the booklet for
Decimal(20961) contains.

Decimal(20961)	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>	29

Color

Decimal(20961)

Conversions

Conversions Part 1

Format	Color
Hex	0051E1
RGB	0, 81, 225
RGB Percent	0%, 32%, 88%
CMY	1.0000, 0.6824, 0.1176
CMYK	1.00, 0.64, 0.00, 0.12
HSL	218°, 100%, 44%
HSV	218°, 100%, 88%
XYZ	16.5330, 11.3211, 72.5480
YIQ	73.1970, -94.5000, 27.6120

Conversions

Conversions Part 2

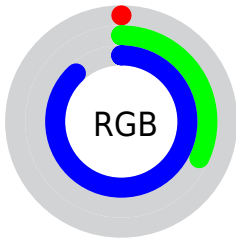
Format	Color
RYB	0, 60, 225
Decimal	20961
CIELab	40.12, 37.23, -77.93
CIELCh	40, 86.368, 295.535
Yxy	11.3211, 0.1647, 0.1128
Android (android.graphics.Color)	4278211041 (0xFF0051E1)
YUV	73.1970, 74.8389, -64.1938
Hunter-Lab	33.6468, 28.8275, -104.2859

Details

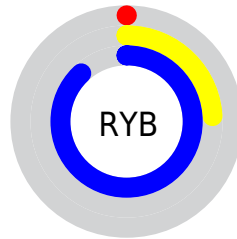
The Decimal color **20961** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **14782464**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **7045887**, and **9896** is the 20% darker color. If you saturate the color by 10%, you get **20961**, and if you desaturate by 10%, it is **1466337**.

Distribution



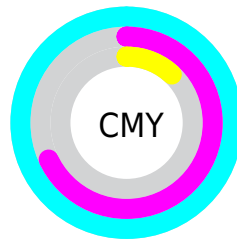
- Red (0%)
- Green (32%)
- Blue (88%)



- Red (0%)
- Yellow (24%)
- Blue (88%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (12%)

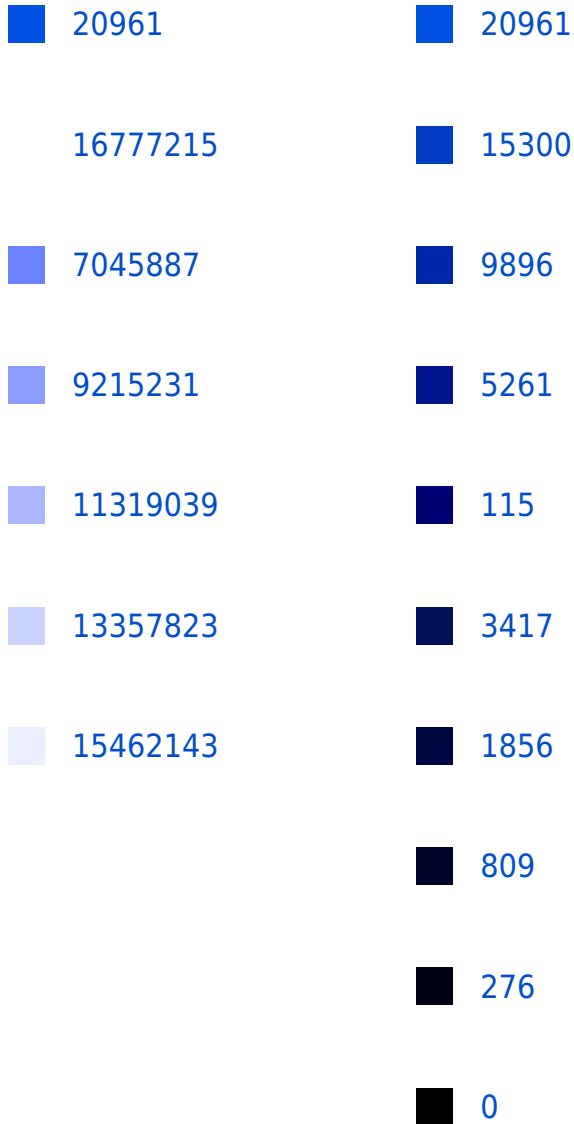


- Cyan (100%)
- Magenta (68%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20961 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 20961 by changing the saturation by 10% instead.



■ 20961

■ 1466337

■ 2977505

■ 4488417

■ 5934049

■ 7444961

■ 8890337

■ 10335969

■ 11846881

■ 13358049

Harmonies

Analogous

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



27887



20961



10751152

Triad

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



20961



11546880



30802

Complementary

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



20961



14782464

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.



29952



20961



8214784

Square

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



20961



13500456



3566592



31386

Rectangle

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



20961



12976260



3566592



30520

Sweetspot

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



20961



11783935



57742



5399168



0



8421504

Same Dimension

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



20961



23807



1966305



6646128



16304



4400

Inverse Universe

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



14745681



16711772



12837120



7365993



11534399



3145745

Previews

White Background



This preview shows how the Decimal color 20961 looks on a white background.

Color Contrast Check

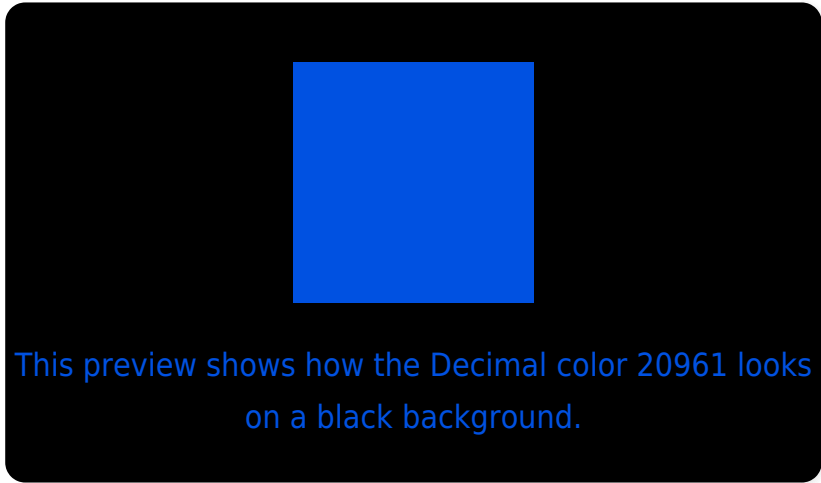
Large Text (above 18pt) WCAG AA ✓ Pass

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

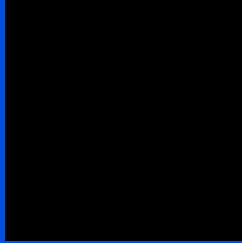
Any Text WCAG AA × Fail

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 20961 Background



This preview shows how black text looks on a background with the Decimal color 20961.

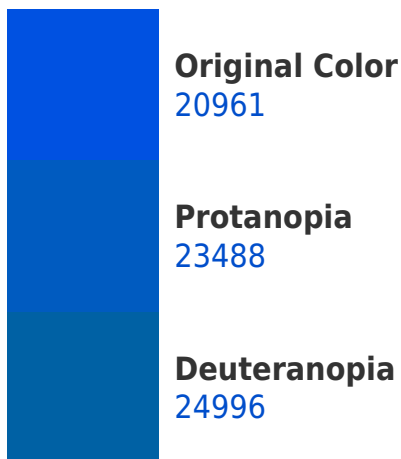


This preview shows how white text looks on a background with the Decimal color 20961.

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](#).

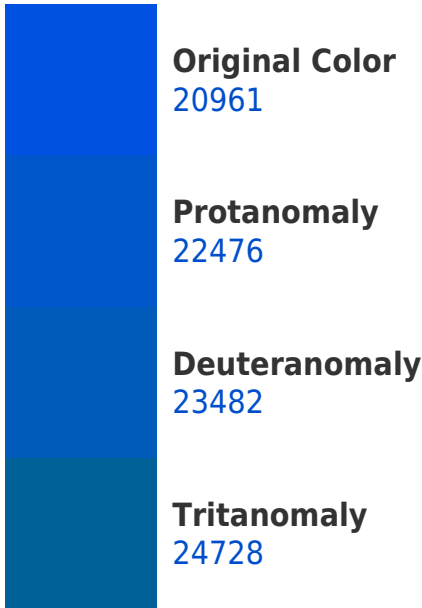
Dichromacy





Tritanopia
26990

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 20961 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 #0051E1 looks like.

```
.text, #text, p{  
    color:#0051E1  
}
```

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 #0051E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0051E1  
}
```

Border

The CSS property to change the border of an element to Decimal 20961 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  
#0051E1 }
```

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

```
.border{ border-color:#0051E1 }
```

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

Here you see how a box with a 4 pixel #0051E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0051E1; -webkit-box-shadow:4px 4px  
4px 4px #0051E1; box-shadow:4px 4px 4px  
4px #0051E1 }
```

Background

The CSS property to change the background color of an element to Decimal 20961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0051E1 }
```

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

```
.background{ background-color:#0051E1 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor