

Converting Colors

Decimal(20700)

Have a look what the booklet for
Decimal(20700) contains.

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Color

Decimal(20700)

Conversions

Conversions Part 1

Format	Color
Hex	0050DC
RGB	0, 80, 220
RGB Percent	0%, 31%, 86%
CMY	1.0000, 0.6863, 0.1373
CMYK	1.00, 0.64, 0.00, 0.14
HSL	218°, 100%, 43%
HSV	218°, 100%, 86%
XYZ	15.7869, 10.9046, 68.9829
YIQ	72.0400, -92.6200, 26.5800

Conversions

Conversions Part 2

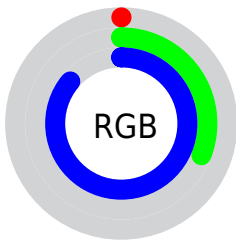
Format	Color
RYB	0, 59, 220
Decimal	20700
CIELab	39.42, 35.97, -76.22
CIELCh	39, 84.284, 295.263
Yxy	10.9046, 0.1650, 0.1140
Android (android.graphics.Color)	4278210780 (0xFF0050DC)
YUV	72.0400, 72.9443, -63.1791
Hunter-Lab	33.0222, 27.5469, -100.7406

Details

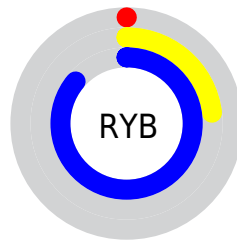
The Decimal color **20700** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **14453760**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **6914559**, and **9636** is the 20% darker color. If you saturate the color by 10%, you get **20700**, and if you desaturate by 10%, it is **1466076**.

Distribution



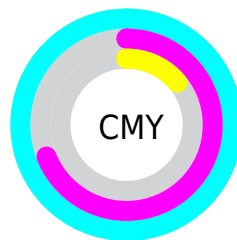
- Red (0%)
- Green (31%)
- Blue (86%)



- Red (0%)
- Yellow (23%)
- Blue (86%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (14%)

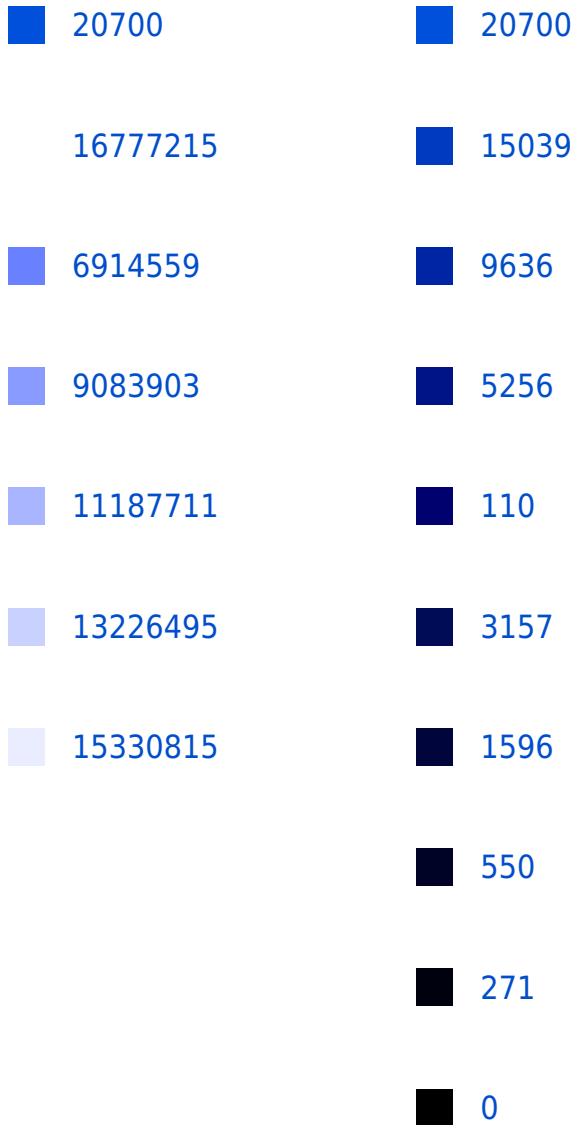


- Cyan (100%)
- Magenta (69%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20700 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 20700 by changing the saturation by 10% instead.



■ 20700

■ 1466076

■ 2911452

■ 4356828

■ 5802204

■ 7247580

■ 8692956

■ 10138332

■ 11583708

■ 13029084

Harmonies

Analogous

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



27369



20700



10490285

Triad

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



20700



11284736



30288

Complementary

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



20700



14453760

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.



29184



20700



8083200

Square

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



20700



13238312



3631616



30614

Rectangle

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



20700



12648578



3631616



30007

Sweetspot

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



20700



11783935



56459



5399168



0



8421504

Same Dimension

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



20700



24063



1900764



6514542



16301



4398

Inverse Universe

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



14418000



16711773



12573696



7234407



11337791



3014673

Previews

White Background



This preview shows how the Decimal color 20700 looks on a white background.

Color Contrast Check

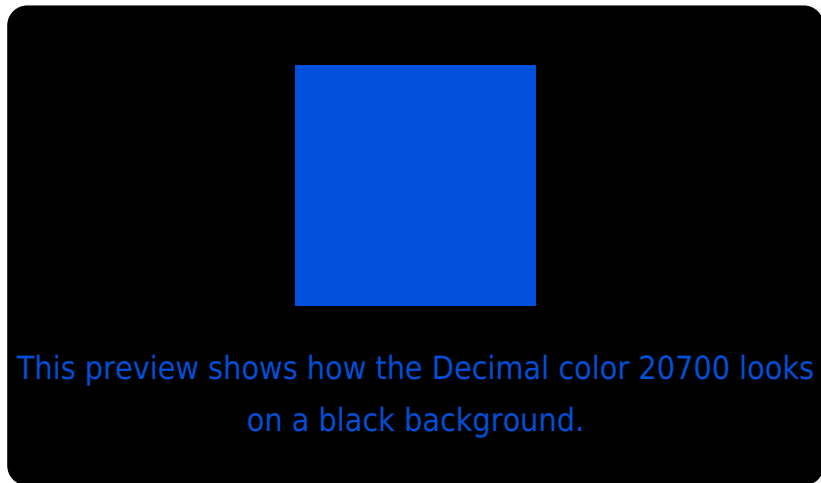
Large Text (above 18pt) WCAG AA ✓ Pass

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

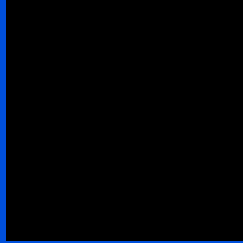
Any Text WCAG AA × Fail

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 20700 Background



This preview shows how black text looks on a background with the Decimal color 20700.



This preview shows how white text looks on a background with the Decimal color 20700.

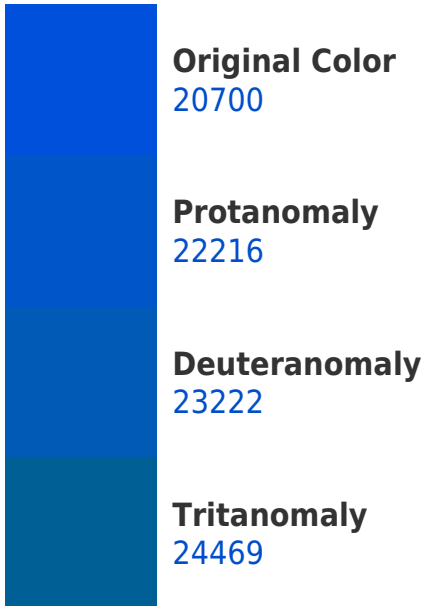
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 20700 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 #0050DC looks like.

```
.text, #text, p{  
    color:#0050DC  
}
```

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 #0050DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0050DC
}
```

Border

The CSS property to change the border of an element to Decimal 20700 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
#0050DC }
```

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

```
.border{ border-color:#0050DC }
```

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

Here you see how a box with a 4 pixel #0050DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0050DC; -webkit-box-shadow:4px 4px  
4px 4px #0050DC; box-shadow:4px 4px 4px  
4px #0050DC }
```

Background

The CSS property to change the background color of an element to Decimal 20700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0050DC }
```

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

```
.background{ background-color:#0050DC }
```

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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