

Converting Colors

Decimal(17900)

Have a look what the booklet for
Decimal(17900) contains.

Decimal(17900)	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(17900)

Conversions

Conversions Part 1

Format	Color
Hex	0045EC
RGB	0, 69, 236
RGB Percent	0%, 27%, 93%
CMY	1.0000, 0.7294, 0.0745
CMYK	1.00, 0.71, 0.00, 0.07
HSL	222°, 100%, 46%
HSV	222°, 100%, 93%
XYZ	17.2684, 10.3124, 80.4372
YIQ	67.4070, -94.7310, 37.3090

Conversions

Conversions Part 2

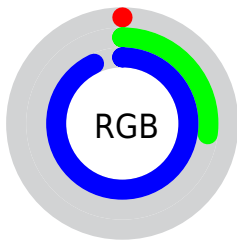
Format	Color
R _{YB}	0, 53, 236
Decimal	17900
CIE Lab	38.40, 48.72, -87.01
CIE LCh	38, 99.720, 299.244
Yxy	10.3124, 0.1599, 0.0955
Android (android.graphics.Color)	4278207980 (0xFF0045EC)
YUV	67.4070, 83.1163, -59.1159
Hunter-Lab	32.1129, 39.7894, -126.0322

Details

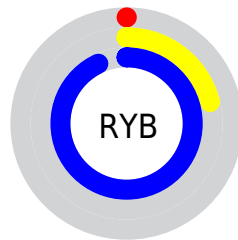
The Decimal color **17900** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **15509248**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **7304959**, and **6835** is the 20% darker color. If you saturate the color by 10%, you get **17900**, and if you desaturate by 10%, it is **1595116**.

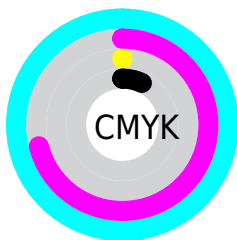
Distribution



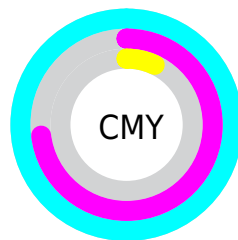
- Red (0%)
- Green (27%)
- Blue (93%)



- Red (0%)
- Yellow (21%)
- Blue (93%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (7%)



















- Cyan (100%)
- Magenta (73%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17900 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 17900 by changing the saturation by 10% instead.

 17900	 17900
16777215	 12239
 7304959	 6835
 9539583	 2455
 11709183	 124
 13813247	 3938
 15917823	 2377
16776959	 1073
	 284
	 0

■ 17900

■ 1595116

■ 3106540

■ 4683756

■ 6195436

■ 7772652

■ 9349612

■ 10861292

■ 12438508

■ 13949932

Harmonies

Analogous

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



27135



17900



11665583

Triad

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



17900



11282688



30294

Complementary

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



17900



15509248

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



17900



7428096

Square

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



17900



13828114



27392



30889

Rectangle

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



17900



13828219



27392



30009

Sweetspot

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



17900



11782655



60581



5398400



0



8421504

Same Dimension

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



17900



19455



3080428



6974837



13749



4150

Inverse Universe

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



15466565



16711755



12446720



7694957



11862069



3538960

Previews

White Background



This preview shows how the Decimal color 17900 looks on a white background.

Color Contrast Check

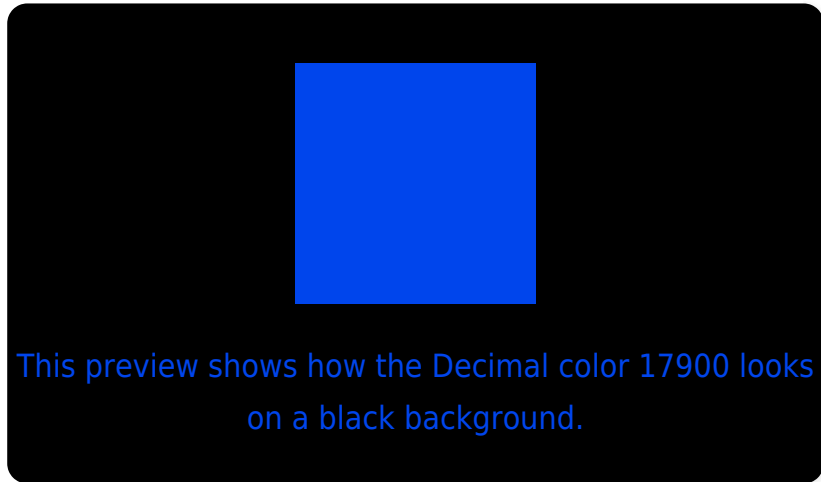
Large Text (above 18pt) WCAG AA ✓ Pass

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 17900 Background



This preview shows how black text looks on a background with the Decimal color 17900.

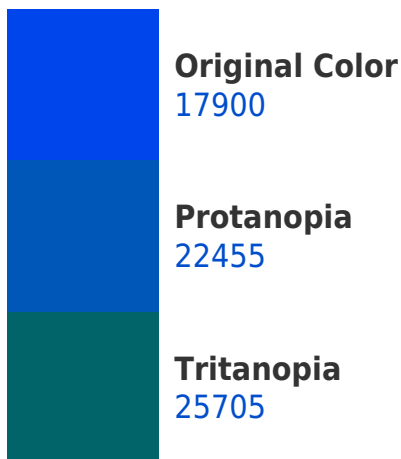


This preview shows how white text looks on a background with the Decimal color 17900.

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
17900

Protanomaly
20682

Tritanomaly
22937

Monochromacy



Original Color
17900

Achromatopsia
4408131

Achromatomaly
2835584

CSS Examples

Text

The CSS property to change the color of the text to Decimal 17900 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 #0045EC looks like.

```
.text, #text, p{  
    color:#0045EC  
}
```

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 #0045EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0045EC
}
```

Border

The CSS property to change the border of an element to Decimal 17900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

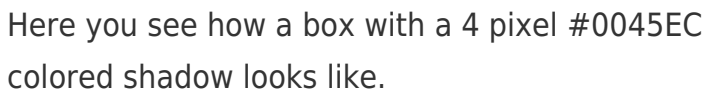
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0045EC }
```

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

```
.border{ border-color:#0045EC }
```

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



Here you see how a box with a 4 pixel #0045EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0045EC; -webkit-box-shadow:4px 4px  
4px 4px #0045EC; box-shadow:4px 4px 4px  
4px #0045EC }
```

Background

The CSS property to change the background color of an element to Decimal 17900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0045EC }
```

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

```
.background{ background-color:#0045EC }
```

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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