

Converting Colors

Decimal(19684)

Have a look what the booklet for
Decimal(19684) contains.

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Color

Decimal(19684)

Conversions

Conversions Part 1	
Format	Color
Hex	004CE4
RGB	0, 76, 228
RGB Percent	0%, 30%, 89%
CMY	1.0000, 0.7020, 0.1059
CMYK	1.00, 0.67, 0.00, 0.11
HSL	220°, 100%, 45%
HSV	220°, 100%, 89%
XYZ	16.5880, 10.7703, 74.6034
YIQ	70.6040, -94.0880, 31.1600

Conversions

Conversions Part 2

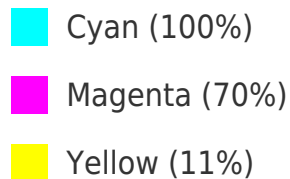
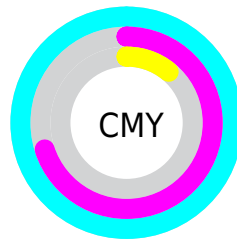
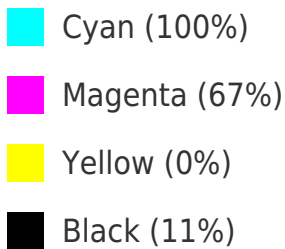
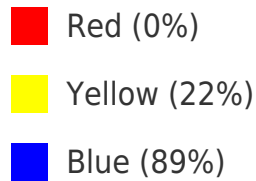
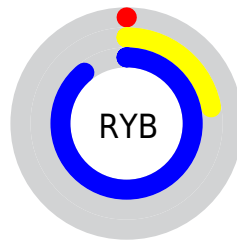
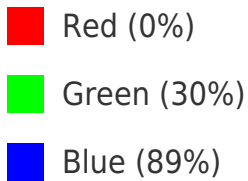
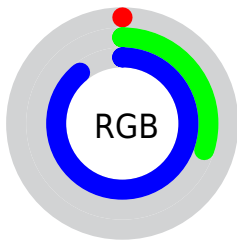
Format	Color
RYB	0, 57, 228
Decimal	19684
CIELab	39.19, 41.53, -81.16
CIELCh	39, 91.168, 297.097
Yxy	10.7703, 0.1627, 0.1056
Android (android.graphics.Color)	4278209764 (0xFF004CE4)
YUV	70.6040, 77.5962, -61.9197
Hunter-Lab	32.8182, 32.7915, -111.8074

Details

The Decimal color **19684** 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 **14981120**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **7110143**, and **8619** is the 20% darker color. If you saturate the color by 10%, you get **19684**, and if you desaturate by 10%, it is **1530852**.

Distribution



Brightness & Saturation

Gradients

These gradients show how the Decimal color 19684 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 19684 by changing the saturation by 10% instead.



19684



19684

16777215



14023



7110143



8619



9344767



4240



11448831



117



13487615



3419



15591935



1859



812



278



0

 19684

 1530852

 3042020

 4487908

 5999076

 7510244

 9021412

 10532580

 11978468

 13489636

Harmonies

Analogous

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



27381



19684



11075759

Triad

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



19684



11349504



30547

Complementary

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



19684



14981120

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



19684



7821312

Square

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



19684



13565983



2648832



30879

Rectangle

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



19684



13238400



2648832



30264

Sweetspot

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



19684



11783423



58520



5398912



0



8421504

Same Dimension

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



19684



22015



2490596



6777715



15283



4403

Inverse Universe

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



14942284



16711765



12510208



7563115



11731003



3342353

Previews

White Background



This preview shows how the Decimal color 19684 looks on a white background.

Color Contrast Check

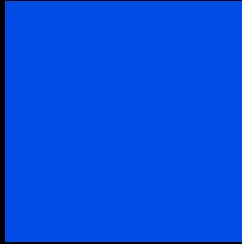
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 19684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

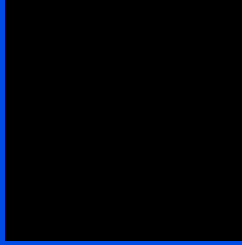
Any Text WCAG AA × Fail

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 19684 Background



This preview shows how black text looks on a background with the Decimal color 19684.



This preview shows how white text looks on a background with the Decimal color 19684.

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



Original Color

19684

Protanopia

22971

Deuteranopia

24480



Tritanopia

26220

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 19684 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 #004CE4 looks like.

```
.text, #text, p{  
    color:#004CE4  
}
```

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 #004CE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004CE4
}
```

Border

The CSS property to change the border of an element to Decimal 19684 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
#004CE4 }
```

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

```
.border{ border-color:#004CE4 }
```

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

Here you see how a box with a 4 pixel #004CE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004CE4; -webkit-box-shadow:4px 4px  
4px 4px #004CE4; box-shadow:4px 4px 4px  
4px #004CE4 }
```

Background

The CSS property to change the background color of an element to Decimal 19684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004CE4 }
```

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

```
.background{ background-color:#004CE4 }
```

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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