

Converting Colors

Decimal(2004991)

Have a look what the booklet for
Decimal(2004991) contains.

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Color

Decimal(2004991)

Conversions

Conversions Part 1

Format	Color
Hex	1E97FF
RGB	30, 151, 255
RGB Percent	12%, 59%, 100%
CMY	0.8824, 0.4078, 0.0000
CMYK	0.88, 0.41, 0.00, 0.00
HSL	208°, 100%, 56%
HSV	208°, 88%, 100%
XYZ	29.6520, 29.6292, 98.7639
YIQ	126.6770, -105.5000, 6.6920

Conversions

Conversions Part 2

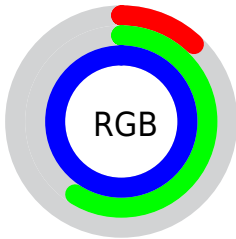
Format	Color
R _Y B	30, 109, 255
Decimal	2004991
CIE Lab	61.33, 5.78, -60.27
CIE LCh	61, 60.546, 275.477
Yxy	29.6292, 0.1876, 0.1875
Android (android.graphics.Color)	4280195071 (0xFF1E97FF)
YUV	126.6770, 63.2632, -84.7857
Hunter-Lab	54.4327, 1.9799, -69.4741

Details

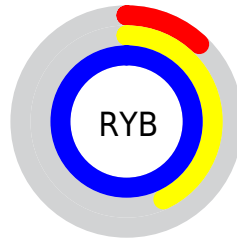
The Decimal color **2004991** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **16746014**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **7785983**, and **26054** is the 20% darker color. If you saturate the color by 10%, you get **363519**, and if you desaturate by 10%, it is **3711999**.

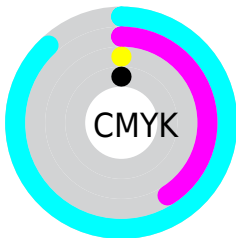
Distribution



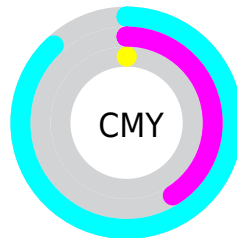
- Red (12%)
- Green (59%)
- Blue (100%)



- Red (12%)
- Yellow (43%)
- Blue (100%)



- Cyan (88%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2004991 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 2004991 by changing the saturation by 10% instead.

■ 2004991

■ 2004991

16777215

■ 32226

■ 7785983

■ 26054

■ 10021375

■ 20138

■ 12124159

■ 14479

■ 14221311

■ 9333

■ 16252927

■ 3419

■ 1859

■ 812

■ 278

■ 2004991

■ 2004991

■ 363519

■ 3711999

■ 35327

■ 5353471

■ 6994687

■ 8701695

■ 10408703

■ 12050175

■ 13757183

■ 15398399

16777215

Harmonies

Analogous

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



42485



2004991



10715884

Triad

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



2004991



15690585



43621

Complementary

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



2004991



16746014

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.



7316277



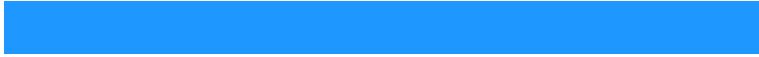
2004991



13795631

Square

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



2004991



16015756



10982682



44701

Rectangle

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



2004991



13464274



10982682



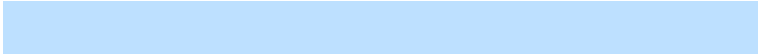
3713108

Sweetspot

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



2004991



12443903



2031491



5795200



0



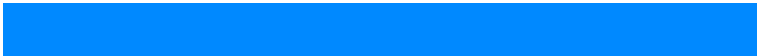
8421504

Same Dimension

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



2004991



35327



1976831



7568000



26559



8768

Inverse Universe

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



16719511



16711817



16774174



8418170



12517479



4194338

Previews

White Background



This preview shows how the Decimal color 2004991 looks on a white background.

Color Contrast Check

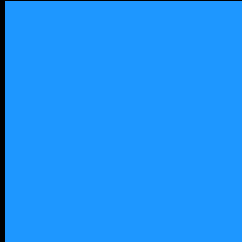
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 2004991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

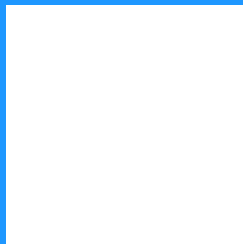
Any Text WCAG AAA × Fail

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

Decimal 2004991 Background



This preview shows how black text looks on a background with the Decimal color 2004991.



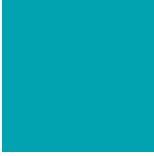
This preview shows how white text looks on a background with the Decimal color 2004991.

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](#).

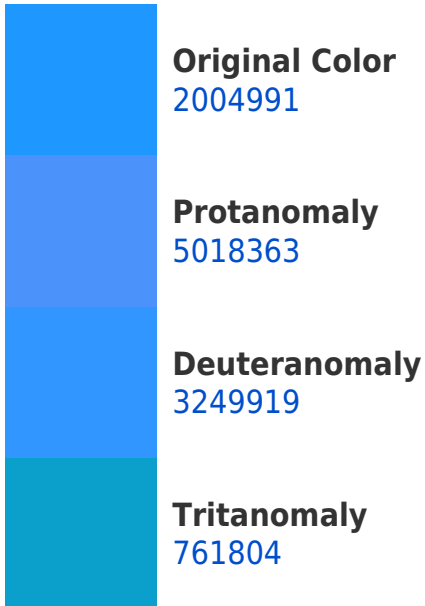
Dichromacy





Tritanopia
41903

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2004991 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 #1E97FF looks like.

```
.text, #text, p{  
    color:#1E97FF  
}
```

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 #1E97FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E97FF
}
```

Border

The CSS property to change the border of an element to Decimal 2004991 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
#1E97FF }
```

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

```
.border{ border-color:#1E97FF }
```

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

Here you see how a box with a 4 pixel #1E97FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E97FF; -webkit-box-shadow:4px 4px  
4px 4px #1E97FF; box-shadow:4px 4px 4px  
4px #1E97FF }
```

Background

The CSS property to change the background color of an element to Decimal 2004991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E97FF }
```

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

```
.background{ background-color:#1E97FF }
```

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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