

Converting Colors

Decimal(4040180)

Have a look what the booklet for
Decimal(4040180) contains.

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Color

Decimal(4040180)

Conversions

Conversions Part 1

Format	Color
Hex	3DA5F4
RGB	61, 165, 244
RGB Percent	24%, 65%, 96%
CMY	0.7608, 0.3529, 0.0431
CMYK	0.75, 0.32, 0.00, 0.04
HSL	206°, 89%, 60%
HSV	206°, 75%, 96%
XYZ	31.7087, 34.4340, 90.5632
YIQ	142.9100, -87.3430, 2.5210

Conversions

Conversions Part 2

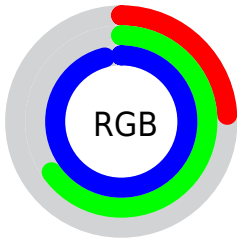
Format	Color
RYB	61, 127, 244
Decimal	4040180
CIELab	65.31, -3.68, -47.91
CIELCh	65, 48.047, 265.609
Yxy	34.4340, 0.2023, 0.2197
Android (android.graphics.Color)	4282230260 (0xFF3DA5F4)
YUV	142.9100, 49.8374, -71.8351
Hunter-Lab	58.6805, -6.2362, -50.4274

Details

The Decimal color **4040180** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **16026685**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **8641791**, and **29371** is the 20% darker color. If you saturate the color by 10%, you get **2464500**, and if you desaturate by 10%, it is **5615860**.

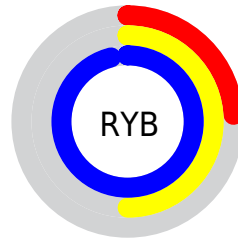
Distribution



Red (24%)

Green (65%)

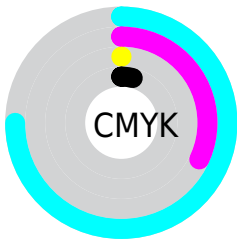
Blue (96%)



Red (24%)

Yellow (50%)

Blue (96%)

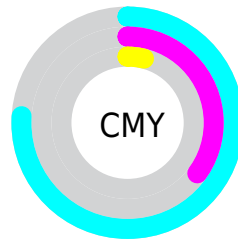


Cyan (75%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (76%)

















Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4040180 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 4040180 by changing the saturation by 10% instead.

 4040180	 4040180
 16777215	 35799
 8641791	 29371
 10746111	 22944
 12779519	 17029
 14811135	 11628
	 6483
	 1595
	 549
	 269

■ 4040180

■ 4040180

■ 2464500

■ 5615860

■ 823540

■ 7256820

■ 35828

■ 8832500

■ 10473460

■ 12049140

■ 13624564

■ 15265780

■ 16775668

■ 16777204

Harmonies

Analogous

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



45029



4040180



10000108

Triad

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



4040180



15695228



6205548

Complementary

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



4040180



16026685

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.



9676622



4040180



14584408

Square

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



4040180



15367079



12425798



46231

Rectangle

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



4040180



12552923



12425798



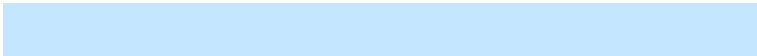
7515488

Sweetspot

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



4040180



12904191



4060297



6058112



0



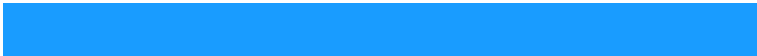
8421504

Same Dimension

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



4040180



1678591



4017396



7239034



27322



8507

Inverse Universe

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



16006565



16718236



16049469



8023669



12189802



3866657

Previews

White Background



This preview shows how the Decimal color 4040180 looks on a white background.

Color Contrast Check

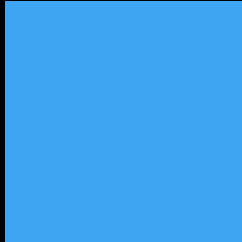
Large Text (above 18pt) WCAG AA × Fail

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 4040180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

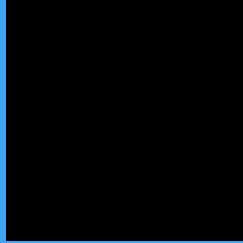
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

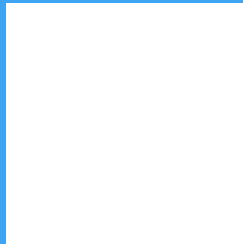
Any Text WCAG AAA ✓ Pass

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

Decimal 4040180 Background



This preview shows how black text looks on a background with the Decimal color 4040180.



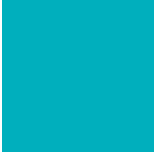
This preview shows how white text looks on a background with the Decimal color 4040180.

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
44989

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4040180 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 #3DA5F4 looks like.

```
.text, #text, p{  
    color:#3DA5F4  
}
```

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 #3DA5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA5F4
}
```

Border

The CSS property to change the border of an element to Decimal 4040180 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
#3DA5F4 }
```

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

```
.border{ border-color:#3DA5F4 }
```

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

Here you see how a box with a 4 pixel #3DA5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA5F4; -webkit-box-shadow:4px 4px  
4px 4px #3DA5F4; box-shadow:4px 4px 4px  
4px #3DA5F4 }
```

Background

The CSS property to change the background color of an element to Decimal 4040180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA5F4 }
```

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

```
.background{ background-color:#3DA5F4 }
```

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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