

Converting Colors

Hex(40A0F2)

Have a look what the booklet for
Hex(40A0F2) contains.

Hex(40A0F2)	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>	29

Color

Hex(40A0F2)

Conversions

Conversions Part 1

Format	Color
Hex	40A0F2
RGB	64, 160, 242
RGB Percent	25%, 63%, 95%
CMY	0.7490, 0.3725, 0.0510
CMYK	0.74, 0.34, 0.00, 0.05
HSL	208°, 87%, 60%
HSV	208°, 74%, 95%
XYZ	30.7122, 32.6424, 88.6863
YIQ	140.6440, -83.5380, 5.1500

Conversions

Conversions Part 2

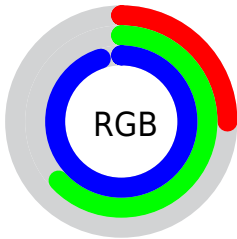
Format	Color
RYB	64, 126, 242
Decimal	4235506
CIELab	63.87, -1.16, -49.07
CIELCh	64, 49.086, 268.642
Yxy	32.6424, 0.2020, 0.2147
Android (android.graphics.Color)	4282425586 (0xFF40A0F2)
YUV	140.6440, 49.9685, -67.2168
Hunter-Lab	57.1335, -4.0309, -52.0402

Details

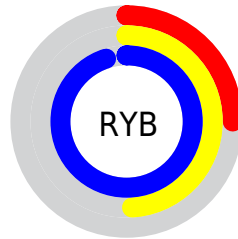
The Hex color **40A0F2** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F29240**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **85D6FF**, and **006DB9** is the 20% darker color. If you saturate the color by 10%, you get **2895F2**, and if you desaturate by 10%, it is **58ABF2**.

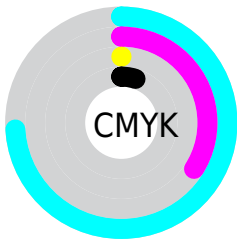
Distribution



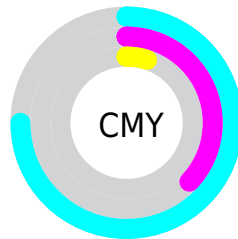
- Red (25%)
- Green (63%)
- Blue (95%)



- Red (25%)
- Yellow (49%)
- Blue (95%)



- Cyan (74%)
- Magenta (34%)
- Yellow (0%)
- Black (5%)



- Cyan (75%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A0F2 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 Hex color 40A0F2 by changing the saturation by 10% instead.

 40A0F2

 40A0F2

FFFFFF

 0086D5

 85D6FF

 006DB9

 A4F3FF

 00559E

 C3FFFF

 003E84

 E2FFFF

 00296A

 001551

 000539

 000223

 00000A

■ 40A0F2

■ 40A0F2

■ 2895F2

■ 58ABF2

■ 108AF2

■ 70B6F2

■ 0083F2

■ 89C1F2

■ A1CDF2

■ B9D8F2

■ D1E3F2

■ E9EEF2

■ FFF9F2

■ FFFFF2

Harmonies

Analogous

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



00ABE5



40A0F2



9A90E8

Triad

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



40A0F2



EB7973



52AD6B

Complementary

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



40A0F2



F29240

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.



8AA54A



40A0F2



D88851

Square

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



40A0F2



E9759F



B69840



00B197

Rectangle

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



40A0F2



C084D5



B69840



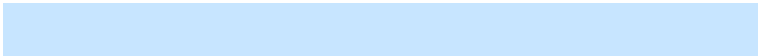
67AB5F

Sweetspot

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



40A0F2



C7E5FF



40F290



5E7080



000000



808080

Same Dimension

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



40A0F2



1F98FF



4049F2



6C7278



0063B8



001E38

Inverse Universe

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



F240A0



FF1F98



F2E940



786C72



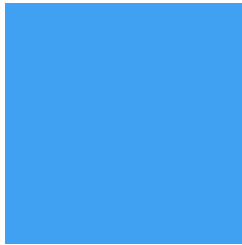
B80063



38001E

Previews

White Background



This preview shows how the Hex color 40A0F2 looks on a white background.

Color Contrast Check

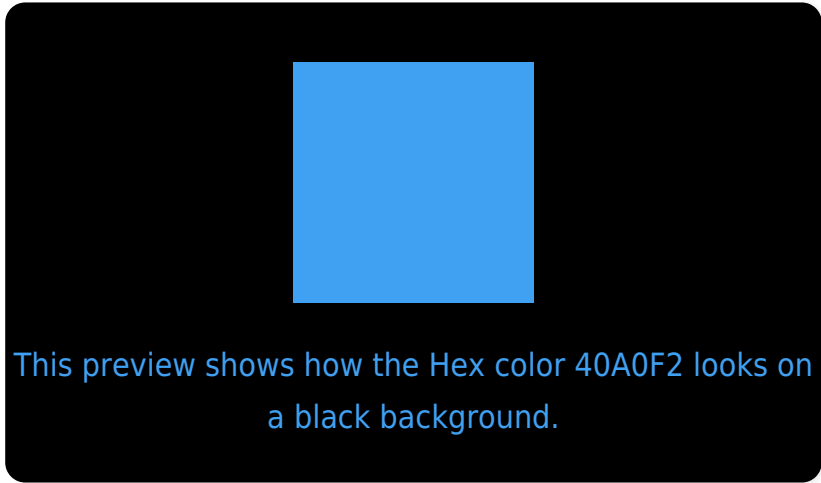
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

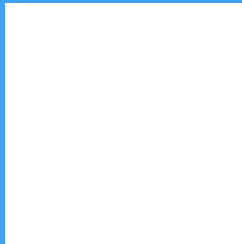
Any Text WCAG AAA ✓ Pass

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

Hex 40A0F2 Background



This preview shows how black text looks on a background with the Hex color 40A0F2.

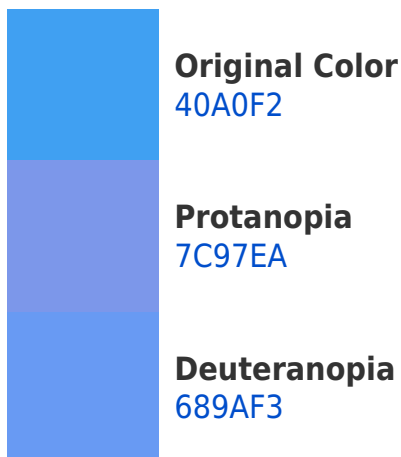


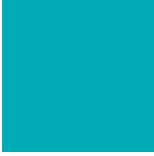
This preview shows how white text looks on a background with the Hex color 40A0F2.

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](#).

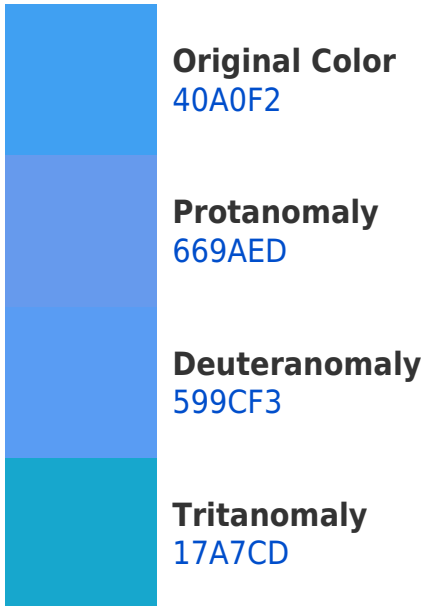
Dichromacy



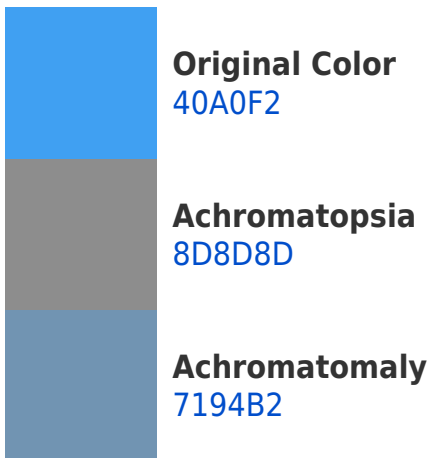


Tritanopia
00ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40A0F2 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 #40A0F2 looks like.

```
.text, #text, p{  
    color:#40A0F2  
}
```

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 #40A0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A0F2
}
```

Border

The CSS property to change the border of an element to Hex 40A0F2 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
#40A0F2 }
```

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

```
.border{ border-color:#40A0F2 }
```

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

Here you see how a box with a 4 pixel #40A0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A0F2; -webkit-box-shadow:4px 4px  
4px 4px #40A0F2; box-shadow:4px 4px 4px  
4px #40A0F2 }
```

Background

The CSS property to change the background color of an element to Hex 40A0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A0F2 }
```

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

```
.background{ background-color:#40A0F2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor