

Converting Colors

Hex(42A4E8)

Have a look what the booklet for
Hex(42A4E8) contains.

Hex(42A4E8)	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(42A4E8)

Conversions

Conversions Part 1

Format	Color
Hex	42A4E8
RGB	66, 164, 232
RGB Percent	26%, 64%, 91%
CMY	0.7412, 0.3569, 0.0902
CMYK	0.72, 0.29, 0.00, 0.09
HSL	205°, 78%, 58%
HSV	205°, 72%, 91%
XYZ	30.0877, 33.5354, 81.2311
YIQ	142.4500, -80.2360, 0.3720

Conversions

Conversions Part 2

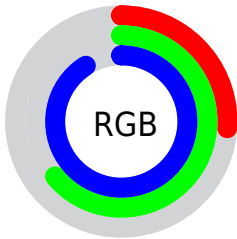
Format	Color
R _{YB}	66, 128, 232
Decimal	4367592
CIE _{Lab}	64.59, -6.62, -42.44
CIE _{LCh}	65, 42.952, 261.140
Y _{xy}	33.5354, 0.2077, 0.2315
Android (android.graphics.Color)	4282557672 (0xFF42A4E8)
YUV	142.4500, 44.1482, -67.0466
Hunter-Lab	57.9097, -8.6001, -42.6304

Details

The Hex color **42A4E8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E88642**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **85DBFF**, and **0071B0** is the 20% darker color. If you saturate the color by 10%, you get **2B9AE8**, and if you desaturate by 10%, it is **59AEE8**.

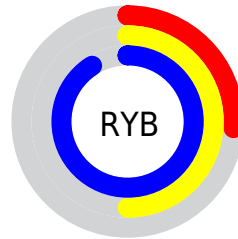
Distribution



Red (26%)

Green (64%)

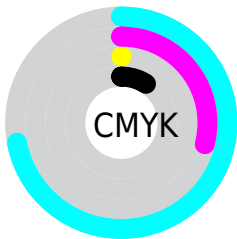
Blue (91%)



Red (26%)

Yellow (50%)

Blue (91%)

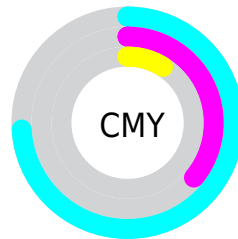


Cyan (72%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (74%)

Magenta (36%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42A4E8 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 42A4E8 by changing the saturation by 10% instead.

■ 42A4E8

■ 42A4E8

FFFFFF

■ 0B8ACC

■ 85DBFF

■ 0071B0

■ A3F7FF

■ 005895

■ C2FFFF

■ 00417B

■ E0FFFF

■ 002C62

■ 001849

■ 000432

■ 00021C

■ 000000

■ 42A4E8

■ 42A4E8

■ 2B9AE8

■ 59AEE8

■ 1491E8

■ 70B7E8

■ 0089E8

■ 88C1E8

■ 9FCAE8

■ B6D4E8

■ CDDDE8

■ E4E7E8

■ FCF0E8

■ FFFAE8

Harmonies

Analogous

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



00ADD7



42A4E8



8E97E4

Triad

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



42A4E8



E67F83



6DAB6B

Complementary

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



42A4E8



E88642

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.



99A353



42A4E8



D98962

Square

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



42A4E8



DF7EAA



BE9750



2DB090

Rectangle

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



42A4E8



B38DD7



BE9750



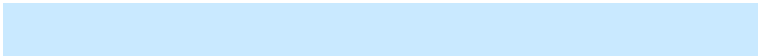
7CA961

Sweetspot

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



42A4E8



C9E9FF



42E884



607280



000000



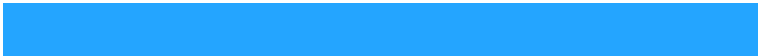
808080

Same Dimension

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



42A4E8



24A5FF



4253E8



676E73



0069B3



001E33

Inverse Universe

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



E842A4



FF24A5



E8D742



73676E



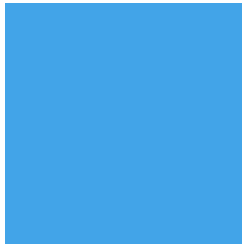
B30069



33001E

Previews

White Background



This preview shows how the Hex color 42A4E8 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 Hex color 42A4E8 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

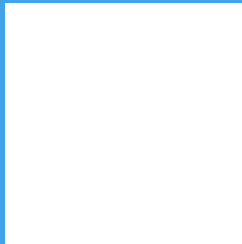
Any Text WCAG AAA ✓ Pass

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

Hex 42A4E8 Background



This preview shows how black text looks on a background with the Hex color 42A4E8.



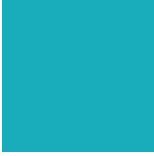
This preview shows how white text looks on a background with the Hex color 42A4E8.

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](#).

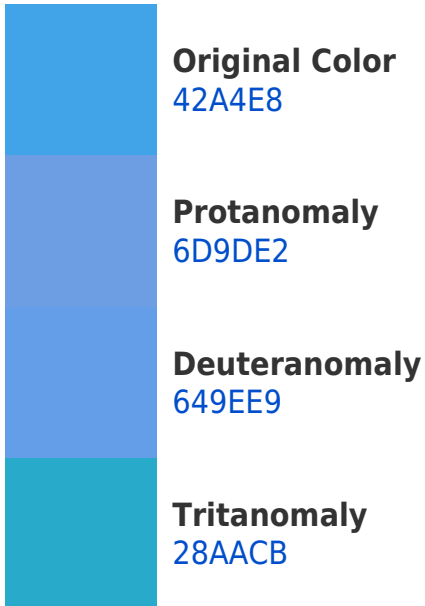
Dichromacy



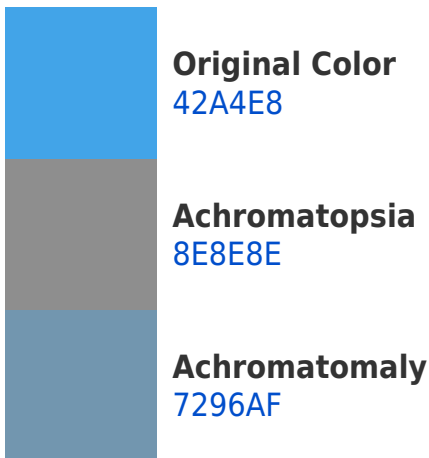


Tritanopia
19ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42A4E8 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 #42A4E8 looks like.

```
.text, #text, p{  
    color:#42A4E8  
}
```

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 #42A4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A4E8
}
```

Border

The CSS property to change the border of an element to Hex 42A4E8 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
#42A4E8 }
```

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

```
.border{ border-color:#42A4E8 }
```

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

Here you see how a box with a 4 pixel #42A4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A4E8; -webkit-box-shadow:4px 4px  
4px 4px #42A4E8; box-shadow:4px 4px 4px  
4px #42A4E8 }
```

Background

The CSS property to change the background color of an element to Hex 42A4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A4E8 }
```

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

```
.background{ background-color:#42A4E8 }
```

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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