

Converting Colors

Decimal(3728120)

Have a look what the booklet for
Decimal(3728120) contains.

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Color

Decimal(3728120)

Conversions

Conversions Part 1

Format	Color
Hex	38E2F8
RGB	56, 226, 248
RGB Percent	22%, 89%, 97%
CMY	0.7804, 0.1137, 0.0275
CMYK	0.77, 0.09, 0.00, 0.03
HSL	187°, 93%, 60%
HSV	187°, 77%, 97%
XYZ	45.7705, 62.0108, 98.3639
YIQ	177.6780, -108.3820, -29.1980

Conversions

Conversions Part 2

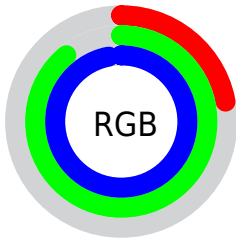
Format	Color
RYB	56, 146, 248
Decimal	3728120
CIELab	82.92, -34.47, -22.79
CIELCh	83, 41.319, 213.474
Yxy	62.0108, 0.2220, 0.3008
Android (android.graphics.Color)	4281918200 (0xFF38E2F8)
YUV	177.6780, 34.6687, -106.7116
Hunter-Lab	78.7469, -34.0565, -18.9371

Details

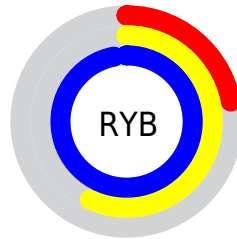
The Decimal color **3728120** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **16272952**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **8781823**, and **43712** is the 20% darker color. If you saturate the color by 10%, you get **2088952**, and if you desaturate by 10%, it is **5367288**.

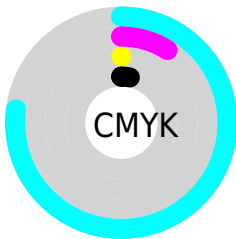
Distribution



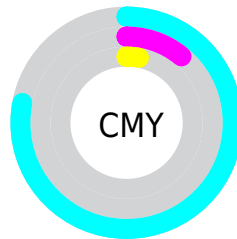
- Red (22%)
- Green (89%)
- Blue (97%)



- Red (22%)
- Yellow (57%)
- Blue (97%)



- Cyan (77%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)

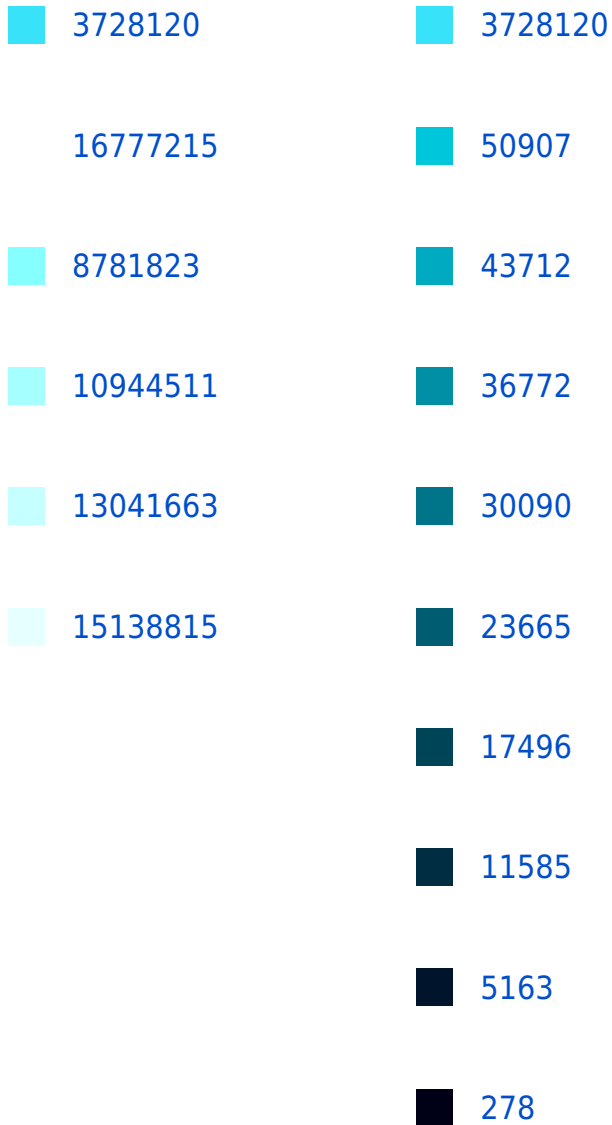


- Cyan (78%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3728120 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 3728120 by changing the saturation by 10% instead.



■ 3728120

■ 3728120

■ 2088952

■ 5367288

■ 449784

■ 7006456

■ 56568

■ 8580088

■ 10219000

■ 11858168

■ 13497336

■ 15136504

■ 16710136

■ 16776440

Harmonies

Analogous

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



5956562



3728120



6216959

Triad

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



3728120



16758514



14995072

Complementary

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



3728120



16272952

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.



16760970



3728120



16756939

Square

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



3728120



14271487



16758182



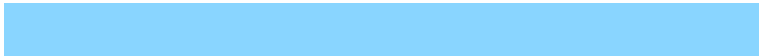
12310924

Rectangle

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



3728120



9033215



16758182



15780225

Sweetspot

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



3728120



12908799



3733579



6060928



0



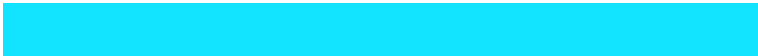
8421504

Same Dimension

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



3728120



1238271



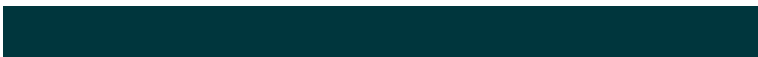
3704312



7371901



42941



13885

Inverse Universe

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



16267490



16716516



16296760



8220796



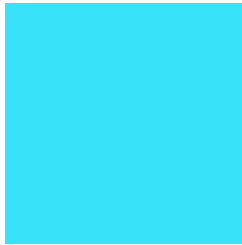
12386471



3997750

Previews

White Background



This preview shows how the Decimal color 3728120 looks on a white background.

Color Contrast Check

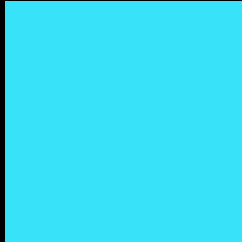
Large Text (above 18pt) WCAG AA × Fail

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 3728120 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 3728120 Background



This preview shows how black text looks on a background with the Decimal color 3728120.



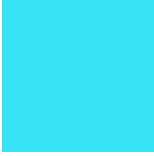
This preview shows how white text looks on a background with the Decimal color 3728120.

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
3531765

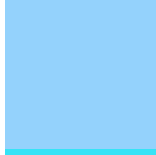
Trichromacy



Original Color
3728120



Protanomaly
9753582



Deuteranomaly
9753340

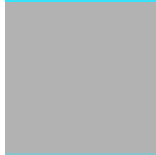


Tritanomaly
3597302

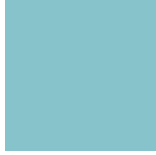
Monochromacy



Original Color
3728120



Achromatopsia
11711154



Achromatomaly
8831947

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3728120 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 #38E2F8 looks like.

```
.text, #text, p{  
    color:#38E2F8  
}
```

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 #38E2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38E2F8
}
```

Border

The CSS property to change the border of an element to Decimal 3728120 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
#38E2F8 }
```

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

```
.border{ border-color:#38E2F8 }
```

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

Here you see how a box with a 4 pixel #38E2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38E2F8; -webkit-box-shadow:4px 4px  
4px 4px #38E2F8; box-shadow:4px 4px 4px  
4px #38E2F8 }
```

Background

The CSS property to change the background color of an element to Decimal 3728120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38E2F8 }
```

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

```
.background{ background-color:#38E2F8 }
```

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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