

Converting Colors

Decimal(12838128)

Have a look what the booklet for
Decimal(12838128) contains.

Decimal(12838128)	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

Decimal(12838128)

Conversions

Conversions Part 1

Format	Color
Hex	C3E4F0
RGB	195, 228, 240
RGB Percent	76%, 89%, 94%
CMY	0.2353, 0.1059, 0.0588
CMYK	0.19, 0.05, 0.00, 0.06
HSL	196°, 60%, 85%
HSV	196°, 19%, 94%
XYZ	65.9773, 73.3802, 93.1245
YIQ	219.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

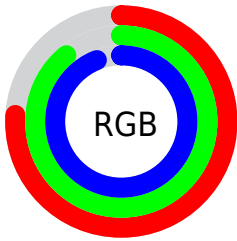
Format	Color
R _Y B	195, 214, 240
Decimal	12838128
CIE Lab	88.63, -8.27, -9.45
CIE LCh	89, 12.560, 228.799
Yxy	73.3802, 0.2838, 0.3156
Android (android.graphics.Color)	4291028208 (0xFFC3E4F0)
YUV	219.5010, 10.1060, -21.4874
Hunter-Lab	85.6622, -12.4278, -4.4913

Details

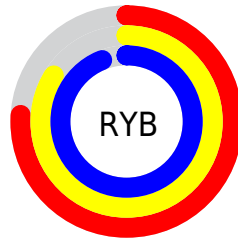
The Decimal color **12838128** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15781827**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16580607**, and **9285048** is the 20% darker color. If you saturate the color by 10%, you get **11263728**, and if you desaturate by 10%, it is **14412528**.

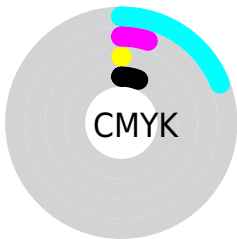
Distribution



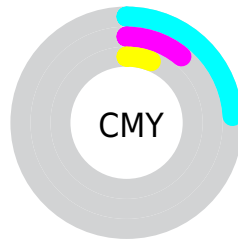
- Red (76%)
- Green (89%)
- Blue (94%)



- Red (76%)
- Yellow (84%)
- Blue (94%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12838128 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 12838128 by changing the saturation by 10% instead.

12838128

12838128

16777215

10995924

16580607

9285048

7574173

5863555

4284522

2705490

1126715

7205

272

■ 12838128

■ 12838128

■ 11263728

■ 14412528

■ 9689072

■ 15987184

■ 8114672

■ 16775152

■ 6540016

■ 16776944

■ 4965616

■ 16777200

■ 3391216

■ 1816560

■ 242160

■ 45296

Harmonies

Analogous

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



12707558



12838128



13492726

Triad

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



12838128



16046051



14737608

Complementary

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



12838128



15781827

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.



15588551



12838128



16373719

Square

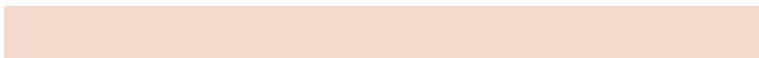
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12838128



15391214



16177613



13820878

Rectangle

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



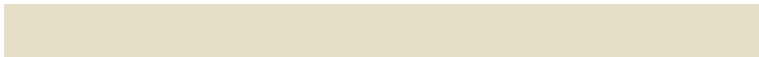
12838128



14081782



16177613



15065031

Sweetspot

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



12838128



15793151



12841167



7830912



0



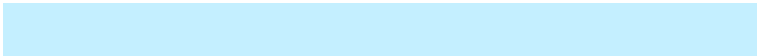
8421504

Same Dimension

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



12838128



12906495



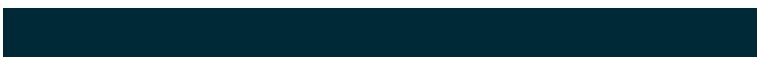
12832496



7107960



34744



10552

Inverse Universe

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



15778788



16762095



15787459



7892085



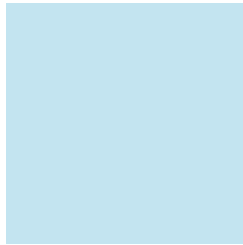
12058759



3670057

Previews

White Background



This preview shows how the Decimal color 12838128 looks on a white background.

Color Contrast Check

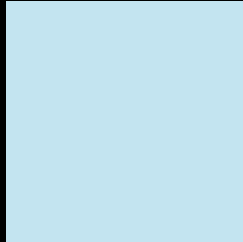
Large Text (above 18pt) WCAG AA × Fail

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 12838128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

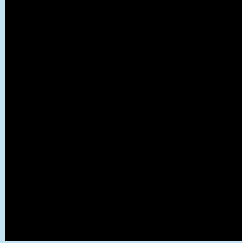
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

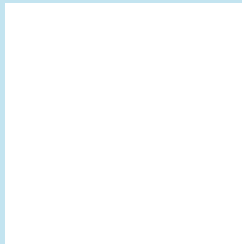
Any Text WCAG AAA ✓ Pass

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

Decimal 12838128 Background



This preview shows how black text looks on a background with the Decimal color 12838128.



This preview shows how white text looks on a background with the Decimal color 12838128.

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](#).

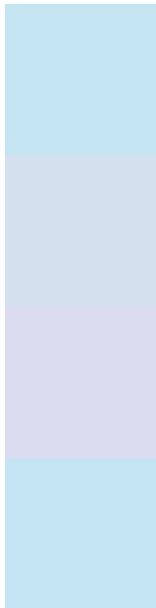
Dichromacy





Tritanopia
12903413

Trichromacy



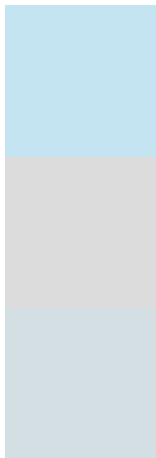
Original Color
12838128

Protanomaly
13951213

Deuteranomaly
14474481

Tritanomaly
12903411

Monochromacy



Original Color
12838128

Achromatopsia
14474460

Achromatomaly
13885411

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12838128 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 #C3E4F0 looks like.

```
.text, #text, p{  
    color:#C3E4F0  
}
```

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 #C3E4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E4F0
}
```

Border

The CSS property to change the border of an element to Decimal 12838128 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
#C3E4F0 }
```

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

```
.border{ border-color:#C3E4F0 }
```

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

Here you see how a box with a 4 pixel #C3E4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E4F0; -webkit-box-shadow:4px 4px  
4px 4px #C3E4F0; box-shadow:4px 4px 4px  
4px #C3E4F0 }
```

Background

The CSS property to change the background color of an element to Decimal 12838128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E4F0 }
```

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

```
.background{ background-color:#C3E4F0 }
```

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