

Converting Colors

Decimal(4113640)

Have a look what the booklet for
Decimal(4113640) contains.

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Color

Decimal(4113640)

Conversions

Conversions Part 1

Format	Color
Hex	3EC4E8
RGB	62, 196, 232
RGB Percent	24%, 77%, 91%
CMY	0.7569, 0.2314, 0.0902
CMYK	0.73, 0.16, 0.00, 0.09
HSL	193°, 79%, 58%
HSV	193°, 73%, 91%
XYZ	36.2920, 46.3302, 83.3738
YIQ	160.0380, -91.4200, -17.2120

Conversions

Conversions Part 2

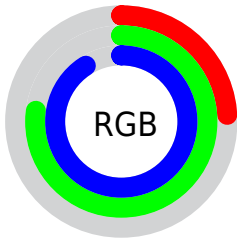
Format	Color
RYB	62, 137, 232
Decimal	4113640
CIELab	73.76, -24.15, -28.22
CIELCh	74, 37.142, 229.434
Yxy	46.3302, 0.2186, 0.2791
Android (android.graphics.Color)	4282303720 (0xFF3EC4E8)
YUV	160.0380, 35.4773, -85.9793
Hunter-Lab	68.0663, -23.9422, -24.9774

Details

The Decimal color **4113640** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **15229502**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **8715775**, and **36528** is the 20% darker color. If you saturate the color by 10%, you get **2605032**, and if you desaturate by 10%, it is **5622248**.

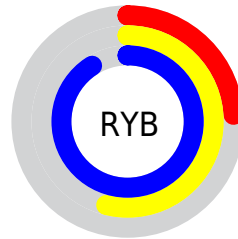
Distribution



Red (24%)

Green (77%)

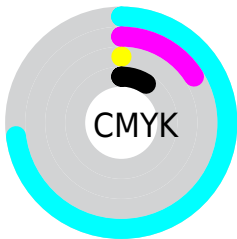
Blue (91%)



Red (24%)

Yellow (54%)

Blue (91%)

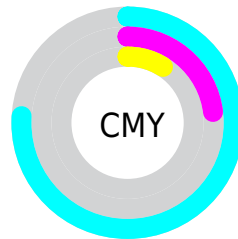


Cyan (73%)

Magenta (16%)

Yellow (0%)

Black (9%)



Cyan (76%)

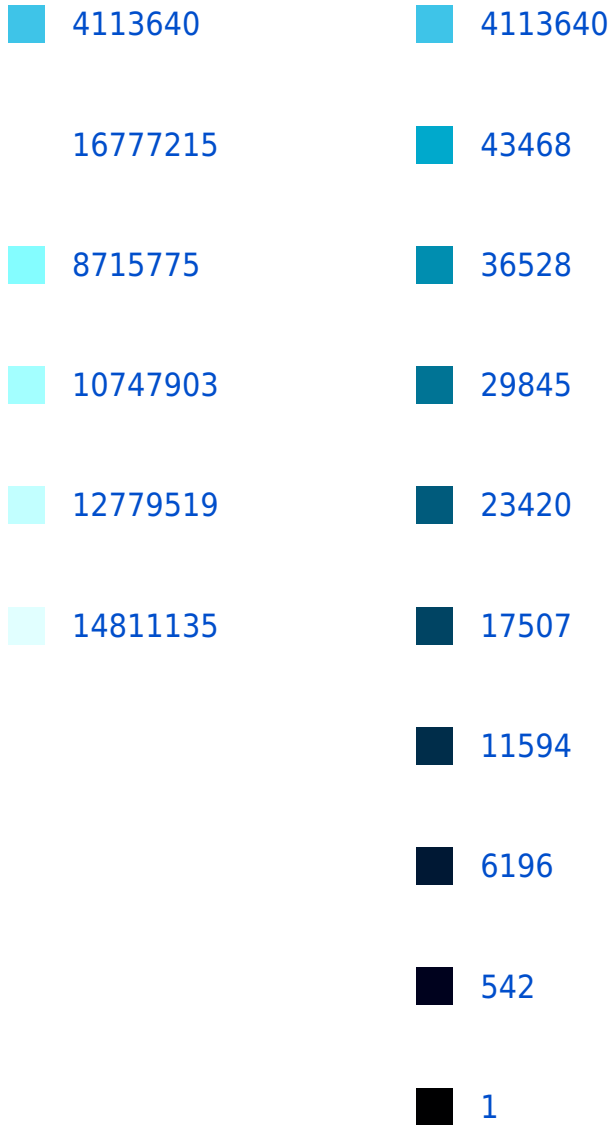
Magenta (23%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4113640 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 4113640 by changing the saturation by 10% instead.



■ 4113640

■ 4113640

■ 2605032

■ 5622248

■ 1096424

■ 7130856

■ 47080

■ 8705000

■ 10213608

■ 11722216

■ 13230568

■ 14739176

■ 16313320

■ 16773352

Harmonies

Analogous

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



3983563



4113640



7453944

Triad

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



4113640



15768771



11975284

Complementary

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



4113640



15229502

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.



14135154



4113640



16293024

Square

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



4113640



13936098



15705219



9421448

Rectangle

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



4113640



9942520



15705219



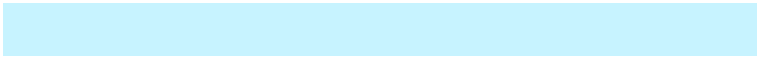
12760945

Sweetspot

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



4113640



13104127



4122720



6191232



0



8421504

Same Dimension

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



4113640



2084863



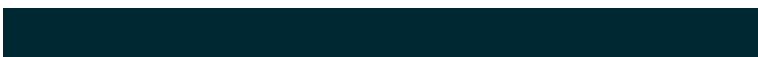
4092392



6778995



36275



10291

Inverse Universe

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



15220420



16719823



15250750



7563120



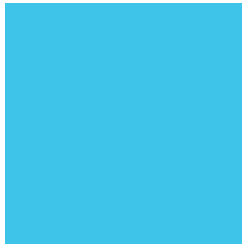
11731085



3342376

Previews

White Background



This preview shows how the Decimal color 4113640 looks on a white background.

Color Contrast Check

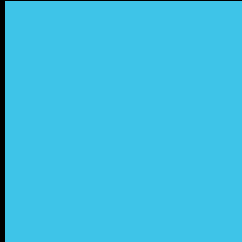
Large Text (above 18pt) WCAG AA × Fail

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 4113640 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 4113640 Background



This preview shows how black text looks on a background with the Decimal color 4113640.

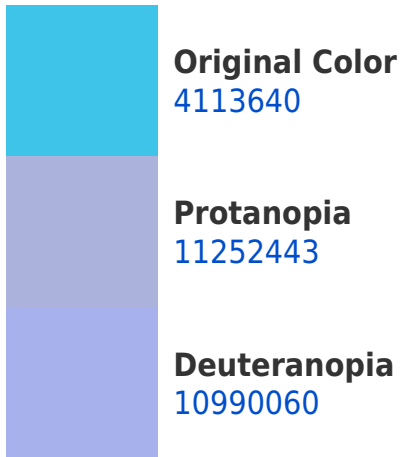


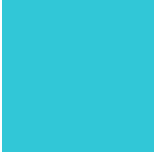
This preview shows how white text looks on a background with the Decimal color 4113640.

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](#).

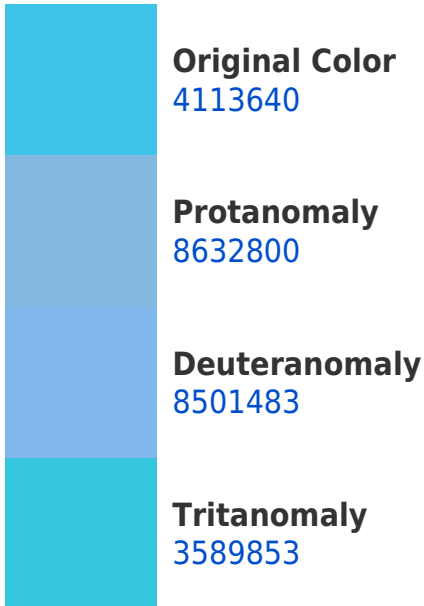
Dichromacy





Tritanopia
3262423

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4113640 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 #3EC4E8 looks like.

```
.text, #text, p{  
    color:#3EC4E8  
}
```

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 #3EC4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC4E8
}
```

Border

The CSS property to change the border of an element to Decimal 4113640 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
#3EC4E8 }
```

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

```
.border{ border-color:#3EC4E8 }
```

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

Here you see how a box with a 4 pixel #3EC4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC4E8; -webkit-box-shadow:4px 4px  
4px 4px #3EC4E8; box-shadow:4px 4px 4px  
4px #3EC4E8 }
```

Background

The CSS property to change the background color of an element to Decimal 4113640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC4E8 }
```

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

```
.background{ background-color:#3EC4E8 }
```

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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