

Converting Colors

Decimal(6941140)

Have a look what the booklet for
Decimal(6941140) contains.

Decimal(6941140)	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(6941140)

Conversions

Conversions Part 1

Format	Color
Hex	69E9D4
RGB	105, 233, 212
RGB Percent	41%, 91%, 83%
CMY	0.5882, 0.0863, 0.1686
CMYK	0.55, 0.00, 0.09, 0.09
HSL	170°, 74%, 66%
HSV	170°, 55%, 91%
XYZ	46.8483, 66.0346, 72.5641
YIQ	192.3340, -69.5470, -33.6670

Conversions

Conversions Part 2

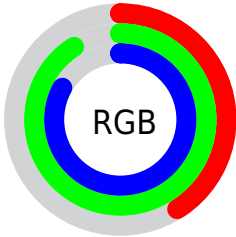
Format	Color
R _{YB}	105, 175, 233
Decimal	6941140
CIE _{Lab}	85.01, -40.44, -0.53
CIE _{LCh}	85, 40.447, 180.757
Yxy	66.0346, 0.2526, 0.3561
Android (android.graphics.Color)	4285131220 (0xFF69E9D4)
YUV	192.3340, 9.6953, -76.5919
Hunter-Lab	81.2616, -39.3006, 3.9390

Details

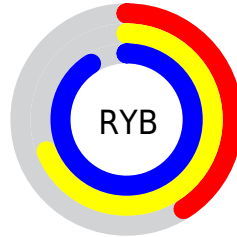
The Decimal color **6941140** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **15296894**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **10878975**, and **2142622** is the 20% darker color. If you saturate the color by 10%, you get **5433808**, and if you desaturate by 10%, it is **8448472**.

Distribution



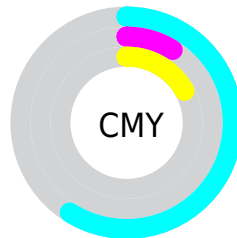
- Red (41%)
- Green (91%)
- Blue (83%)



- Red (41%)
- Yellow (69%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (59%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6941140 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 6941140 by changing the saturation by 10% instead.

6941140

6941140

16777215

4836536

10878975

2142622

12845055

38531

14876671

31594

25170

18747

12582

6929

0

■ 6941140

■ 6941140

■ 5433808

■ 8448472

■ 3860940

■ 10021340

■ 2353609

■ 11528671

■ 846277

■ 13036003

■ 59843

■ 14608871

■ 16116203

■ 16771567

■ 16771571

■ 16771574

Harmonies

Analogous

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



10020526



6941140



4909306

Triad

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



6941140



14338815



16762259

Complementary

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



6941140



15296894

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.



16759471



6941140



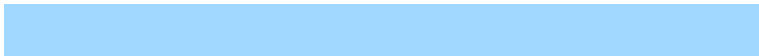
16760314

Square

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



6941140



10606847



16758741



15585927

Rectangle

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



6941140



5694975



16758741



16761243

Sweetspot

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



6941140



14090232



8317289



6783100



0



8421504

Same Dimension

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



6941140



5767139



6930153



6976883



46487



13869

Inverse Universe

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



15296894



16734066



15307881



7694955



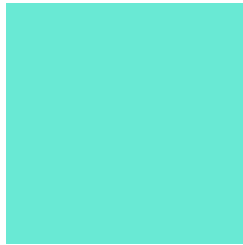
11862046



3538953

Previews

White Background



This preview shows how the Decimal color 6941140 looks on a white background.

Color Contrast Check

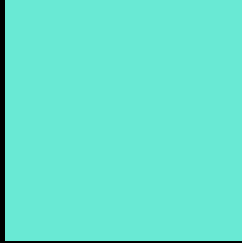
Large Text (above 18pt) WCAG AA × Fail

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 6941140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

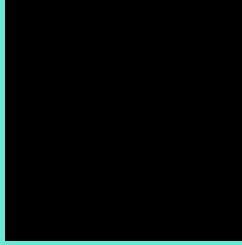
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

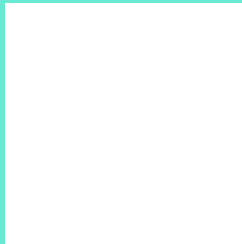
Any Text WCAG AAA ✓ Pass

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

Decimal 6941140 Background



This preview shows how black text looks on a background with the Decimal color 6941140.



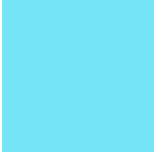
This preview shows how white text looks on a background with the Decimal color 6941140.

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
7726326

Trichromacy



Original Color
6941140



Protanomaly
11590348



Deuteranomaly
12048344

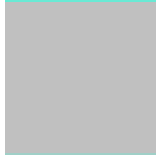


Tritanomaly
7464682

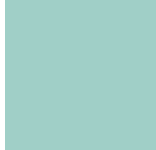
Monochromacy



Original Color
6941140



Achromatopsia
12632256



Achromatomaly
10538951

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6941140 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 #69E9D4 looks like.

```
.text, #text, p{  
    color:#69E9D4  
}
```

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 #69E9D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69E9D4
}
```

Border

The CSS property to change the border of an element to Decimal 6941140 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
#69E9D4 }
```

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

```
.border{ border-color:#69E9D4 }
```

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

Here you see how a box with a 4 pixel #69E9D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69E9D4; -webkit-box-shadow:4px 4px  
4px 4px #69E9D4; box-shadow:4px 4px 4px  
4px #69E9D4 }
```

Background

The CSS property to change the background color of an element to Decimal 6941140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69E9D4 }
```

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

```
.background{ background-color:#69E9D4 }
```

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