

Converting Colors

Decimal(6745343)

Have a look what the booklet for
Decimal(6745343) contains.

Decimal(6745343)	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(6745343)

Conversions

Conversions Part 1

Format	Color
Hex	66ECFF
RGB	102, 236, 255
RGB Percent	40%, 93%, 100%
CMY	0.6000, 0.0745, 0.0000
CMYK	0.60, 0.07, 0.00, 0.00
HSL	187°, 100%, 70%
HSV	187°, 60%, 100%
XYZ	53.5249, 70.0357, 105.3049
YIQ	198.1000, -85.9630, -22.4990

Conversions

Conversions Part 2

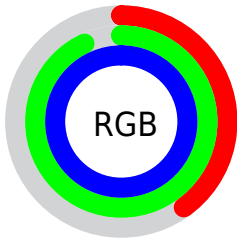
Format	Color
RYB	102, 173, 255
Decimal	6745343
CIELab	87.01, -31.13, -20.17
CIELCh	87, 37.095, 212.946
Yxy	70.0357, 0.2339, 0.3060
Android (android.graphics.Color)	4284935423 (0xFF66ECFF)
YUV	198.1000, 28.0517, -84.2797
Hunter-Lab	83.6873, -32.2874, -16.0243

Details

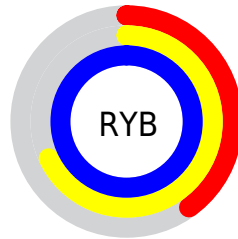
The Decimal color **6745343** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **16742758**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **10944511**, and **111814** is the 20% darker color. If you saturate the color by 10%, you get **5106175**, and if you desaturate by 10%, it is **8450047**.

Distribution



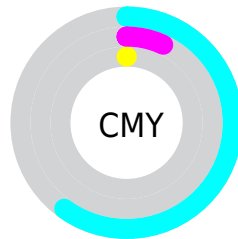
- Red (40%)
- Green (93%)
- Blue (100%)



- Red (40%)
- Yellow (68%)
- Blue (100%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6745343 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 6745343 by changing the saturation by 10% instead.

 6745343

 6745343

16777215

 4378850

 10944511

 111814

 12976127

 39339

 15007743

 32400

 25975

 19806

 13638

 8752

 283

■ 6745343

■ 6745343

■ 5106175

■ 8450047

■ 3401471

■ 10089215

■ 1696767

■ 11794175

■ 57343

■ 13433343

■ 15138047

16777215

Harmonies

Analogous

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



7990748



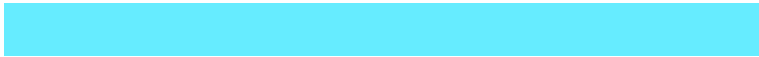
6745343



8316671

Triad

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



6745343



16762363



15718803

Complementary

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



6745343



16742758

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.



16764316



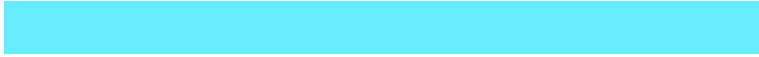
6745343



16761048

Square

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



6745343



14930175



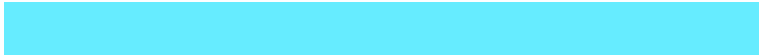
16761781



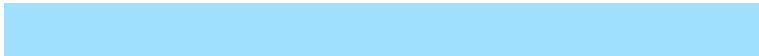
13231006

Rectangle

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



6745343



10477823



16761781



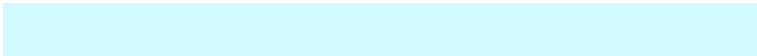
16438676

Sweetspot

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



6745343



13761023



6750072



6519936



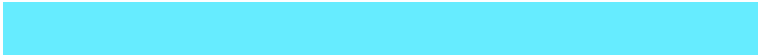
0



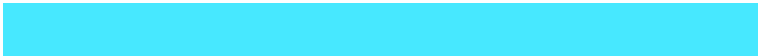
8421504

Same Dimension

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



6745343



4712703



6726143



7569024



43199



14400

Inverse Universe

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



16738028



16730088



16761958



8418174



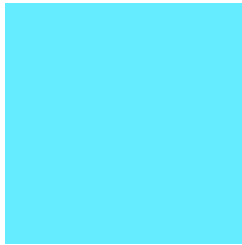
12517544



4194360

Previews

White Background



This preview shows how the Decimal color 6745343 looks on a white background.

Color Contrast Check

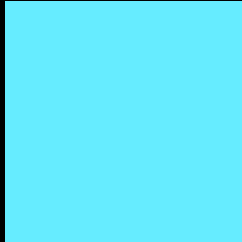
Large Text (above 18pt) WCAG AA × Fail

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 6745343 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 6745343 Background



This preview shows how black text looks on a background with the Decimal color 6745343.



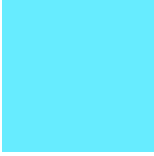
This preview shows how white text looks on a background with the Decimal color 6745343.

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



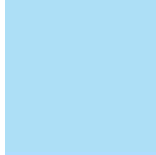


Tritanopia
6810879

Trichromacy



Original Color
6745343



Protanomaly
11395062



Deuteranomaly
11525631

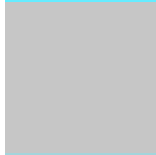


Tritanomaly
6810879

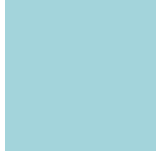
Monochromacy



Original Color
6745343



Achromatopsia
13027014



Achromatomaly
10736859

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6745343 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 #66ECFF looks like.

```
.text, #text, p{  
    color:#66ECFF  
}
```

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 #66ECFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66ECFF
}
```

Border

The CSS property to change the border of an element to Decimal 6745343 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
#66ECFF }
```

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

```
.border{ border-color:#66ECFF }
```

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

Here you see how a box with a 4 pixel #66ECFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66ECFF; -webkit-box-shadow:4px 4px  
4px 4px #66ECFF; box-shadow:4px 4px 4px  
4px #66ECFF }
```

Background

The CSS property to change the background color of an element to Decimal 6745343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66ECFF }
```

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

```
.background{ background-color:#66ECFF }
```

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