

Converting Colors

Decimal(65510)

Have a look what the booklet for
Decimal(65510) contains.

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Color

Decimal(65510)

Conversions

Conversions Part 1

Format	Color
Hex	00FFE6
RGB	0, 255, 230
RGB Percent	0%, 100%, 90%
CMY	1.0000, 0.0000, 0.0980
CMYK	1.00, 0.00, 0.10, 0.00
HSL	174°, 100%, 50%
HSV	174°, 100%, 100%
XYZ	50.0429, 77.2332, 87.1329
YIQ	175.9050, -143.9550, -61.8350

Conversions

Conversions Part 2

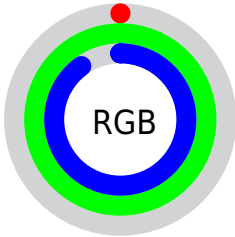
Format	Color
RYB	0, 134, 255
Decimal	65510
CIELab	90.43, -55.00, -2.18
CIELCh	90, 55.046, 182.274
Yxy	77.2332, 0.2334, 0.3602
Android (android.graphics.Color)	4278255590 (0xFF00FFE6)
YUV	175.9050, 26.6688, -154.2687
Hunter-Lab	87.8824, -52.1509, 2.7334

Details

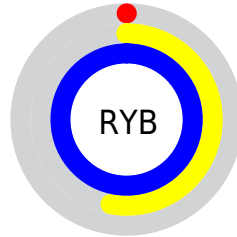
The Decimal color **65510** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **16711705**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **7864319**, and **50607** is the 20% darker color. If you saturate the color by 10%, you get **65510**, and if you desaturate by 10%, it is **1703912**.

Distribution



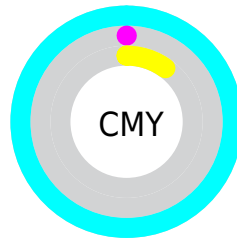
- Red (0%)
- Green (100%)
- Blue (90%)



- Red (0%)
- Yellow (53%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 65510 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 65510 by changing the saturation by 10% instead.

 65510	 65510
 16777215	 58058
 7864319	 50607
 10158079	 43412
 12386303	 36474
 14483455	 29538
 16646143	 22858
	 16435
	 10782
	 775

 65510

 1703912


 3407851

 5111789

 6750192

 8454131

 10092533

 11796472

 13434874

 15138813

Harmonies

Analogous

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



8911793



65510



65279

Triad

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



65510



15652095



16764807

Complementary

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



65510



16711705

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.



16760750



65510



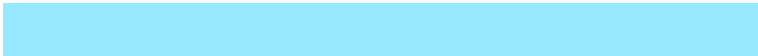
16761599

Square

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



65510



9890047



16759266



16769656

Rectangle

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



65510



63999



16759266



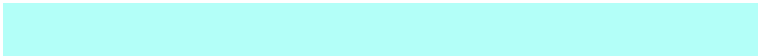
16763282

Sweetspot

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



65510



11796472



1769216



5406843



0



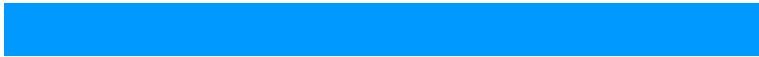
8421504

Same Dimension

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



65510



39423



7569534



49068



16441

Inverse Universe

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



16711705



16737792



8418164



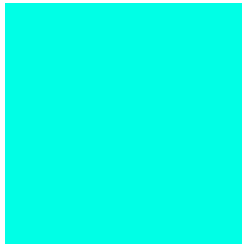
12517395



4194310

Previews

White Background



This preview shows how the Decimal color 65510 looks on a white background.

Color Contrast Check

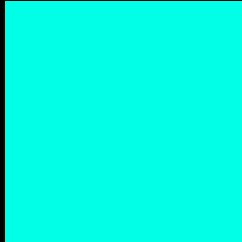
Large Text (above 18pt) WCAG AA × Fail

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 65510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

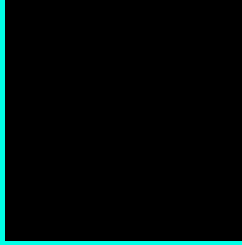
Any Text WCAG AA ✓ Pass

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 65510 Background



This preview shows how black text looks on a background with the Decimal color 65510.

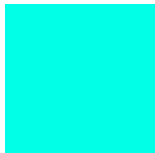


This preview shows how white text looks on a background with the Decimal color 65510.

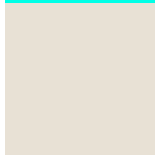
Color Blindness Simulation

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](#).

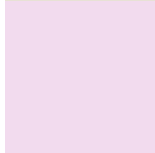
Dichromacy




Original Color
65510



Protanopia
15262165

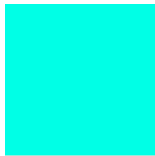


Deuteranopia
15916014



Tritanopia
9761279

Trichromacy



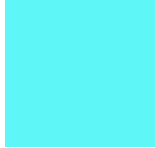
Original Color
65510



Protanomaly
9759963



Deuteranomaly
10152171



Tritanomaly
6223606

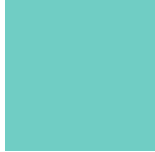
Monochromacy



Original Color
65510



Achromatopsia
11579568



Achromatomaly
7392708

CSS Examples

Text

The CSS property to change the color of the text to Decimal 65510 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 #00FFE6 looks like.

```
.text, #text, p{  
    color:#00FFE6  
}
```

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 #00FFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFE6
}
```

Border

The CSS property to change the border of an element to Decimal 65510 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
#00FFE6 }
```

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

```
.border{ border-color:#00FFE6 }
```

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

Here you see how a box with a 4 pixel #00FFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFE6; -webkit-box-shadow:4px 4px  
4px 4px #00FFE6; box-shadow:4px 4px 4px  
4px #00FFE6 }
```

Background

The CSS property to change the background color of an element to Decimal 65510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFE6 }
```

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

```
.background{ background-color:#00FFE6 }
```

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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