

# Converting Colors

Decimal(704510)

Have a look what the booklet for  
Decimal(704510) contains.

<b>Decimal(704510)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(704510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0ABFFE
RGB	10, 191, 254
RGB Percent	4%, 75%, 100%
CMY	0.9608, 0.2510, 0.0039
CMYK	0.96, 0.25, 0.00, 0.00
HSL	195°, 99%, 52%
HSV	195°, 96%, 100%
XYZ	36.6454, 44.4819, 100.4204
YIQ	144.0630, -128.0990, -18.7790

# Conversions

## Conversions Part 2

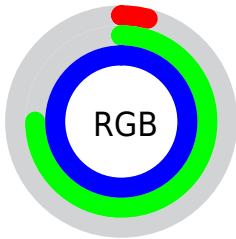
Format	Color
R <sub>Y</sub> B	10, 114, 254
Decimal	704510
CIE Lab	72.55, -17.77, -42.01
CIE LCh	73, 45.609, 247.075
Yxy	44.4819, 0.2018, 0.2450
Android (android.graphics.Color)	4278894590 (0xFF0ABFFE)
YUV	144.0630, 54.1989, -117.5733
Hunter-Lab	66.6947, -18.6391, -42.5849

# Details

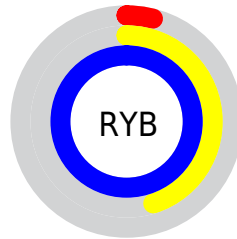
The Decimal color **704510** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **16664842**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **7600127**, and **35525** is the 20% darker color. If you saturate the color by 10%, you get **48382**, and if you desaturate by 10%, it is **2344702**.

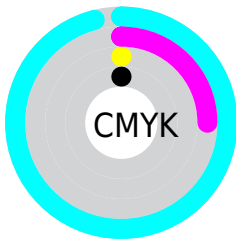
# Distribution



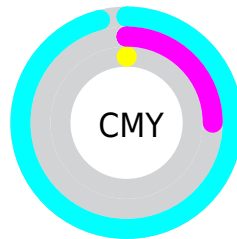
- Red (4%)
- Green (75%)
- Blue (100%)



- Red (4%)
- Yellow (45%)
- Blue (100%)



- Cyan (96%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




















- Cyan (96%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 704510 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 704510 by changing the saturation by 10% instead.



 704510	 704510
 16777215	 42209
 7600127	 35525
 9830399	 28842
 11993087	 22671
 14090239	 16501
 16187391	 11100
	 5444
	 813
	 279

■ 704510

■ 704510

■ 48382

■ 2344702

■ 4050174

■ 5690366

■ 7395838

■ 9036030

■ 10675966

■ 12381694

■ 14021630

■ 15727358

# Harmonies

## Analogous

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



50915



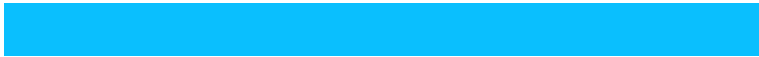
704510



8565759

# Triad

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



704510



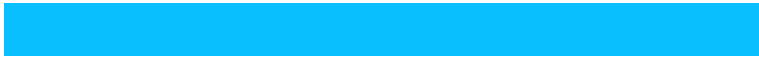
16748714



9879149

# Complementary

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



704510



16664842

# 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.



12825437



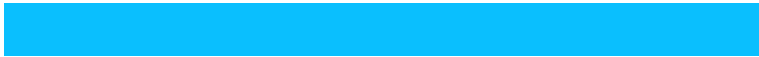
704510



16619138

# Square

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



704510



15635923



15115365



6276496

# Rectangle

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



704510



11577852



15115365

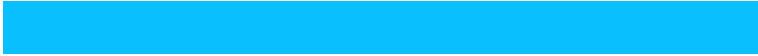


10926950

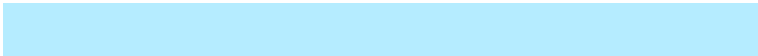


# Sweetspot

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



704510



11922687



720455



5469312



0



8421504

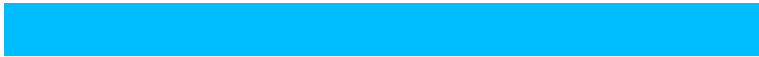


# Same Dimension

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



704510



48639



673790



7568512



36543



12096



# Inverse Universe

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



16648895



16711869



16695562



8418172



12517518



4194351



# Previews

## White Background



This preview shows how the Decimal color 704510 looks on a white background.

## Color Contrast Check

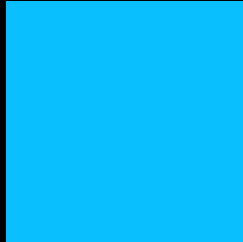
Large Text (above 18pt) WCAG AA × Fail

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 704510 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

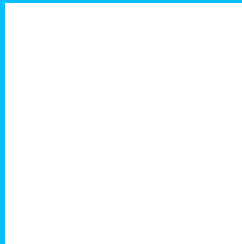
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 704510 Background



This preview shows how black text looks on a background with the Decimal color 704510.



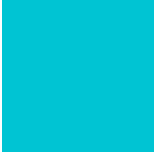
This preview shows how white text looks on a background with the Decimal color 704510.

# 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**  
50387

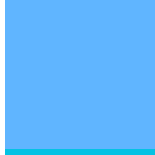
# Trichromacy



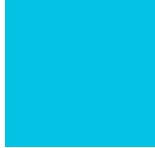
**Original Color**  
704510



**Protanomaly**  
6862070



**Deuteranomaly**  
6338047



**Tritanomaly**  
312035

# Monochromacy



**Original Color**  
704510



**Achromatopsia**  
9474192



**Achromatomaly**  
6267320

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 704510 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 #0ABFFE looks like.

```
.text, #text, p{  
  color:#0ABFFE  
}
```

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 #0ABFFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ABFFE
}
```

## Border

The CSS property to change the border of an element to Decimal 704510 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
#0ABFFE }
```

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

```
.border{ border-color:#0ABFFE }
```

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

Here you see how a box with a 4 pixel #0ABFFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ABFFE; -webkit-box-shadow:4px 4px  
4px 4px #0ABFFE; box-shadow:4px 4px 4px  
4px #0ABFFE }
```

# Background

The CSS property to change the background color of an element to Decimal 704510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ABFFE }
```

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

```
.background{ background-color:#0ABFFE }
```

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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