

Converting Colors

Hex(70DF95)

Have a look what the booklet for
Hex(70DF95) contains.

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Color

Hex(70DF95)

Conversions

Conversions Part 1

Format	Color
Hex	70DF95
RGB	112, 223, 149
RGB Percent	44%, 87%, 58%
CMY	0.5608, 0.1255, 0.4157
CMYK	0.50, 0.00, 0.33, 0.13
HSL	140°, 63%, 66%
HSV	140°, 50%, 87%
XYZ	38.4946, 58.3900, 37.6753
YIQ	181.3750, -42.4020, -46.5460

Conversions

Conversions Part 2

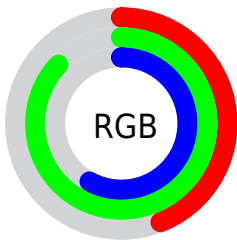
Format	Color
RYB	112, 195, 223
Decimal	7397269
CIELab	80.96, -47.98, 26.75
CIElCh	81, 54.932, 150.853
Yxy	58.3900, 0.2861, 0.4339
Android (android.graphics.Color)	4285587349 (0xFF70DF95)
YUV	181.3750, -15.9609, -60.8419
Hunter-Lab	76.4134, -43.8009, 24.2567

Details

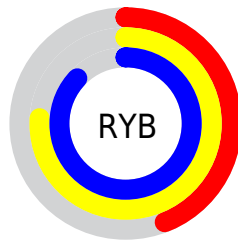
The Hex color **70DF95** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DF70BA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AAFFCC**, and **33A762** is the 20% darker color. If you saturate the color by 10%, you get **5ADF86**, and if you desaturate by 10%, it is **86DFA4**.

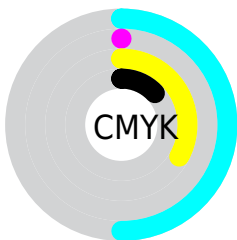
Distribution



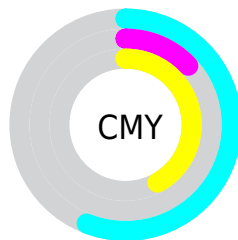
- Red (44%)
- Green (87%)
- Blue (58%)



- Red (44%)
- Yellow (76%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70DF95 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 Hex color 70DF95 by changing the saturation by 10% instead.

 70DF95

 70DF95

FFFFFF

 53C37B

 AAFFCC

 33A762

 C7FFE8

 018C49

 E4FFFF

 007232

 00581B

 004003

 002A00

 000700

 000000

 70DF95

 70DF95

 5ADF86

 86DFA4

 43DF77

 9DDFB3

 2DDF68

 B3DFC2

 17DF5A

 C9DFD0

 01DF4B

 E0DFDF

 00DF4A

 F6DFEE

 FFDFFD

 FFDFFF

Harmonies

Analogous

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



B2D56E



70DF95



00E3C9

Triad

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



70DF95



72CEFF



FFA497

Complementary

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



70DF95



DF70BA

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.



FF9ECA



70DF95



CFBBFF

Square

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



70DF95



00DBFF



FFA8FC



FFB470

Rectangle

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



70DF95



00E3EC



FFA8FC



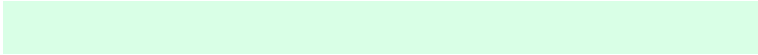
FFA0A7

Sweetspot

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



70DF95



D9FFE6



BADF70



698070



000000



808080

Same Dimension

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



70DF95



66FF99



70DFCC



657069



00B03B



003010

Inverse Universe

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



DF70BA



FF66CC



DF7083



70656C



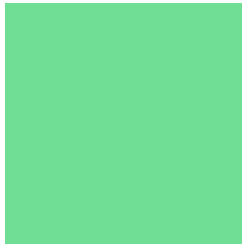
B00075



300020

Previews

White Background



This preview shows how the Hex color 70DF95 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 Hex color 70DF95 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

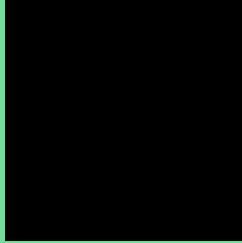
Any Text WCAG AA ✓ Pass

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](#).

Hex 70DF95 Background



This preview shows how black text looks on a background with the Hex color 70DF95.

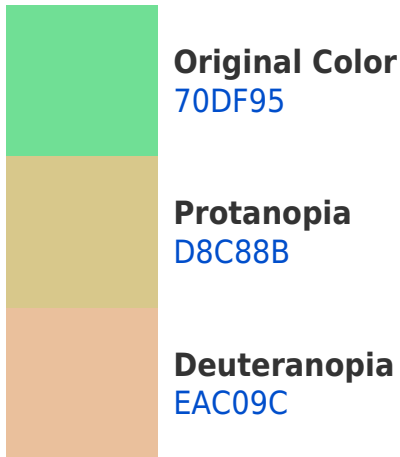


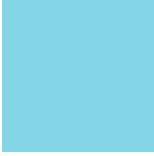
This preview shows how white text looks on a background with the Hex color 70DF95.

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
84D5E6

Trichromacy



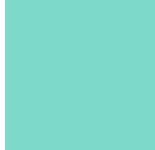
Original Color
70DF95



Protanomaly
B2D08F



Deuteranomaly
BECB99

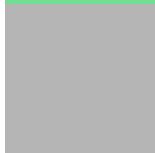


Tritanomaly
7DD9C9

Monochromacy



Original Color
70DF95



Achromatopsia
B5B5B5



Achromatomaly
9CC4A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 70DF95 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 #70DF95 looks like.

```
.text, #text, p{  
    color:#70DF95  
}
```

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 #70DF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70DF95
}
```

Border

The CSS property to change the border of an element to Hex 70DF95 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
#70DF95 }
```

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

```
.border{ border-color:#70DF95 }
```

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

Here you see how a box with a 4 pixel #70DF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70DF95; -webkit-box-shadow:4px 4px  
4px 4px #70DF95; box-shadow:4px 4px 4px  
4px #70DF95 }
```

Background

The CSS property to change the background color of an element to Hex 70DF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70DF95 }
```

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

```
.background{ background-color:#70DF95 }
```

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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