

Converting Colors

Hex(75E294)

Have a look what the booklet for
Hex(75E294) contains.

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Color

Hex(75E294)

Conversions

Conversions Part 1

Format	Color
Hex	75E294
RGB	117, 226, 148
RGB Percent	46%, 89%, 58%
CMY	0.5412, 0.1137, 0.4196
CMYK	0.48, 0.00, 0.35, 0.11
HSL	137°, 65%, 67%
HSV	137°, 48%, 89%
XYZ	39.8778, 60.3127, 37.5567
YIQ	184.5170, -39.9260, -47.3660

Conversions

Conversions Part 2

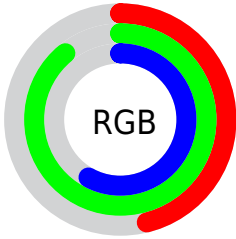
Format	Color
RYB	117, 202, 226
Decimal	7725716
CIELab	82.01, -48.14, 28.72
CIElCh	82, 56.051, 149.180
Yxy	60.3127, 0.2895, 0.4379
Android (android.graphics.Color)	4285915796 (0xFF75E294)
YUV	184.5170, -18.0029, -59.2124
Hunter-Lab	77.6613, -44.2505, 25.6905

Details

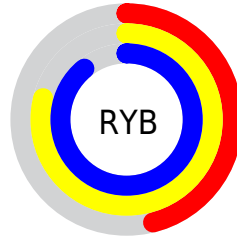
The Hex color **75E294** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E275C3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AFFFCB**, and **39AA61** is the 20% darker color. If you saturate the color by 10%, you get **5EE284**, and if you desaturate by 10%, it is **8CE2A4**.

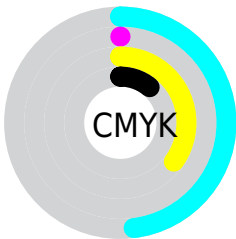
Distribution



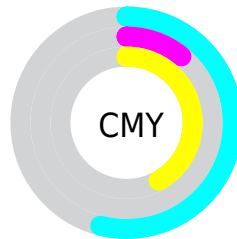
- Red (46%)
- Green (89%)
- Blue (58%)



- Red (46%)
- Yellow (79%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75E294 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 75E294 by changing the saturation by 10% instead.

 75E294

 75E294

FFFFFF

 58C67A

 AFFFCB

 39AA61

 CCFFE7

 118F48

 E9FFFF

 007430

 005B19

 004201

 002C00

 000D00

 000000

 75E294

 75E294

 5EE284

 8CE2A4

 48E274

 A2E2B4

 31E263

 B9E2C5

 1BE253

 CFE2D5

 04E243

 E6E2E5

 00E240

 FDE2F5

 FFE2FF

Harmonies

Analogous

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



B7D86D



75E294



00E7C9

Triad

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



75E294



6BD2FF



FFA59C

Complementary

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



75E294



E275C3

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.



FFA0D0



75E294



CDBFFF

Square

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



75E294



00DFFF



FFABFF



FFB572

Rectangle

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



75E294



00E7ED



FFABFF



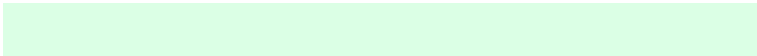
FFA2AC

Sweetspot

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



75E294



DBFFE5



C3E275



6A8070



000000



808080

Same Dimension

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



75E294



6BFF95



75E2CA



657068



00B032



00300E

Inverse Universe

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



E275C3



FF6BD5



E2758D



70656D



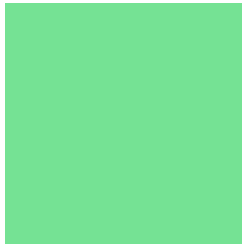
B0007E



300023

Previews

White Background



This preview shows how the Hex color 75E294 looks on a white background.

Color Contrast Check

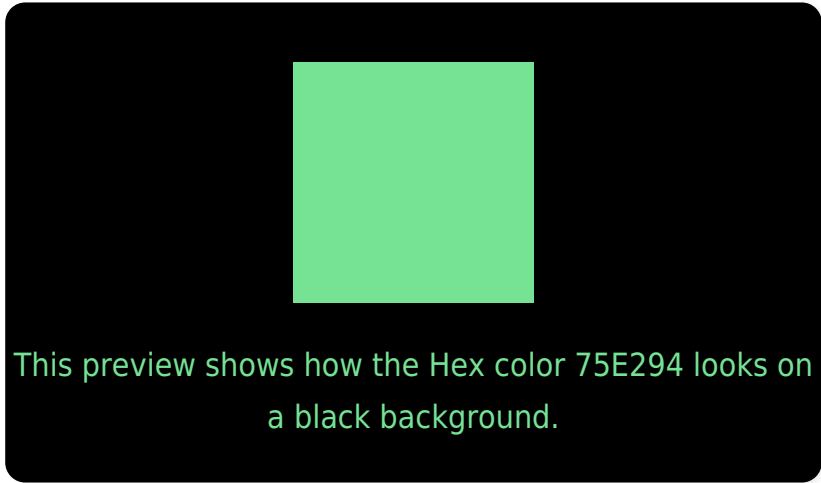
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

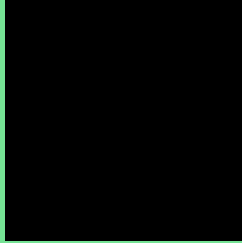
Any Text WCAG AA ✓ Pass

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 75E294 Background



This preview shows how black text looks on a background with the Hex color 75E294.

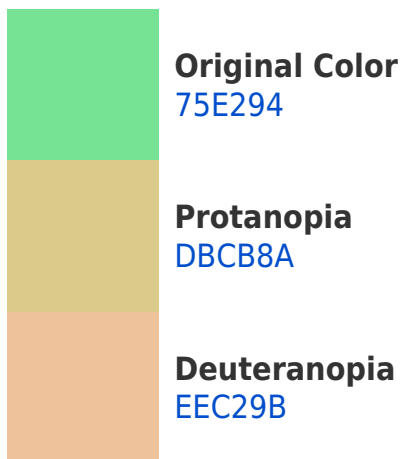


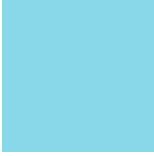
This preview shows how white text looks on a background with the Hex color 75E294.

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





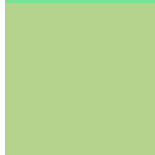
Tritanopia
89D8E9

Trichromacy



Original Color

75E294



Protanomaly

B6D38E



Deuteranomaly

C2CE98



Tritanomaly

82DCCA

Monochromacy



Original Color

75E294



Achromatopsia

B9B9B9



Achromatomaly

A0C8AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 75E294 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 #75E294 looks like.

```
.text, #text, p{  
    color:#75E294  
}
```

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 #75E294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E294
}
```

Border

The CSS property to change the border of an element to Hex 75E294 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
#75E294 }
```

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

```
.border{ border-color:#75E294 }
```

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

Here you see how a box with a 4 pixel #75E294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E294; -webkit-box-shadow:4px 4px  
4px 4px #75E294; box-shadow:4px 4px 4px  
4px #75E294 }
```

Background

The CSS property to change the background color of an element to Hex 75E294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E294 }
```

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

```
.background{ background-color:#75E294 }
```

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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