

Converting Colors

Hex(E12794)

Have a look what the booklet for
Hex(E12794) contains.

Hex(E12794)	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

Hex(E12794)

Conversions

Conversions Part 1

Format	Color
Hex	E12794
RGB	225, 39, 148
RGB Percent	88%, 15%, 58%
CMY	0.1176, 0.8471, 0.4196
CMYK	0.00, 0.83, 0.34, 0.12
HSL	325°, 76%, 52%
HSV	325°, 83%, 88%
XYZ	37.1222, 19.5967, 29.8430
YIQ	107.0400, 75.8670, 73.3310

Conversions

Conversions Part 2

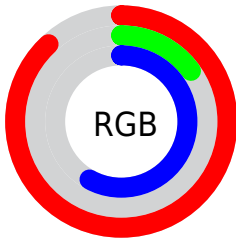
Format	Color
R_{YB}	225, 39, 148
Decimal	14755732
CIE _{Lab}	51.38, 75.06, -13.75
CIE _{LCh}	51, 76.309, 349.623
Yxy	19.5967, 0.4289, 0.2264
Android (android.graphics.Color)	4292945812 (0xFFE12794)
YUV	107.0400, 20.1933, 103.4509
Hunter-Lab	44.2682, 72.2162, -8.9821

Details

The Hex color **E12794** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **27E174**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6BCA**, and **A40061** is the 20% darker color. If you saturate the color by 10%, you get **E1108B**, and if you desaturate by 10%, it is **E13D9D**.

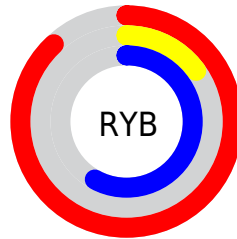
Distribution



Red (88%)

Green (15%)

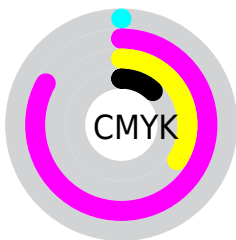
Blue (58%)



Red (88%)

Yellow (15%)

Blue (58%)

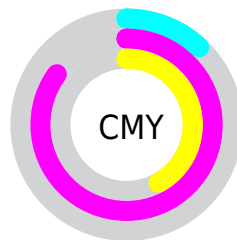


Cyan (0%)

Magenta (83%)

Yellow (34%)

Black (12%)



Cyan (12%)

Magenta (85%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12794 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 E12794 by changing the saturation by 10% instead.

 E12794

 E12794

FFFFFF

 C2007A

 FF6BCA

 A40061

 FF89E6

 870049

 FFA7FF

 690033


 FFC5FF

 4D001E


 FFE3FF

 300002

 000000


 E12794

 E12794

 E1108B

 E13D9D

 E10084

 E154A7

 E16AB0

 E181B9

 E198C3

 E1AECC

 E1C4D5

 E1DBDF

 E1F1E8

Harmonies

Analogous

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



B051D0



E12794



EA2853

Triad

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



E12794



6C8400



0094DE

Complementary

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



E12794



27E174

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.



0096A5



E12794



009016

Square

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



E12794



A77000



009561



0089FC

Rectangle

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



E12794



DE4329



009561



0095CD

Sweetspot

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



E12794



FFBFE5



7127E1



805970



000000



808080

Same Dimension

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



E12794



FF0396



E1273A



70656C



B00067



30001C

Inverse Universe

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



E12794



FF0396



27E1CE



70656C



B00067



30001C

Previews

White Background



This preview shows how the Hex color E12794 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex E12794 Background



This preview shows how black text looks on a background with the Hex color E12794.



This preview shows how white text looks on a background with the Hex color E12794.

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



Trichromacy



Original Color
E12794



Protanomaly
8B5BB7



Deuteranomaly
A35B8E

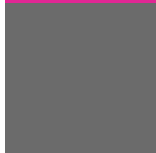


Tritanomaly
DE3962

Monochromacy



Original Color
E12794



Achromatopsia
6B6B6B



Achromatomaly
96527A

CSS Examples

Text

The CSS property to change the color of the text to Hex E12794 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 #E12794 looks like.

```
.text, #text, p{  
    color:#E12794  
}
```

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 #E12794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12794
}
```

Border

The CSS property to change the border of an element to Hex E12794 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
#E12794 }
```

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

```
.border{ border-color:#E12794 }
```

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

Here you see how a box with a 4 pixel #E12794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12794; -webkit-box-shadow:4px 4px  
4px 4px #E12794; box-shadow:4px 4px 4px  
4px #E12794 }
```

Background

The CSS property to change the background color of an element to Hex E12794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12794 }
```

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

```
.background{ background-color:#E12794 }
```

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