

Converting Colors

Hex(DE0720)

Have a look what the booklet for
Hex(DE0720) contains.

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Color

Hex(DE0720)

Conversions

Conversions Part 1

Format	Color
Hex	DE0720
RGB	222, 7, 32
RGB Percent	87%, 3%, 13%
CMY	0.1294, 0.9725, 0.8745
CMYK	0.00, 0.97, 0.86, 0.13
HSL	353°, 94%, 45%
HSV	353°, 97%, 87%
XYZ	30.4609, 15.7858, 2.8080
YIQ	74.1350, 120.1150, 53.3550

Conversions

Conversions Part 2

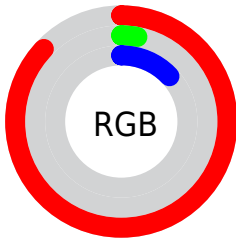
Format	Color
RYB	222, 7, 32
Decimal	14550816
CIELab	46.69, 71.94, 49.00
CIELCh	47, 87.044, 34.259
Yxy	15.7858, 0.6210, 0.3218
Android (android.graphics.Color)	4292740896 (0xFFDE0720)
YUV	74.1350, -20.7726, 129.6776
Hunter-Lab	39.7314, 67.3208, 23.6217

Details

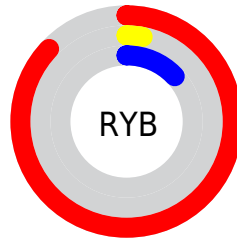
The Hex color **DE0720** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **07DEC5**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5B4F**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DE001A**, and if you desaturate by 10%, it is **DE1D34**.

Distribution



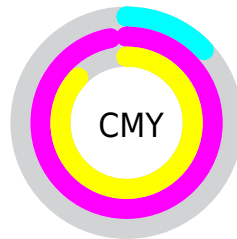
- Red (87%)
- Green (3%)
- Blue (13%)



- Red (87%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (97%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE0720 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 DE0720 by changing the saturation by 10% instead.

 DE0720

 DE0720

FFFFFF

 BD0009

 FF5B4F

 9D0000

 FF7967

 7C0000

 FF9781

 5D0002

 FFB59B

 3F0003

 FFD2B6

 1C0001

 FFF0D2

 000000

 FFFFEE

 DE0720

 DE0720

 DE001A

 DE1D34

 DE3347

 DE4A5B

 DE606E

 DE7682

 DE8C96

 DEA2A9

 DEB9BD

 DECFD1

Harmonies

Analogous

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



E80068



DE0720



B85000

Triad

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



DE0720



008827



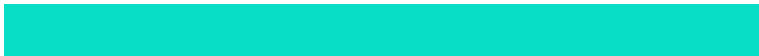
0076FF

Complementary

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



DE0720



07DEC5

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.



0086F4



DE0720



008B78

Square

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



DE0720



288000



008CC0



7054EA

Rectangle

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



DE0720



936700



008CC0



007DFF

Sweetspot

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



DE0720



FFB5BE



C507DE



805358



000000



808080

Same Dimension

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



DE0720



FF001E



DE5907



706566



B00014



300006

Inverse Universe

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



DE0720



FF001E



078CDE



706566



B00014



300006

Previews

White Background



This preview shows how the Hex color DE0720 looks on a white background.

Color Contrast Check

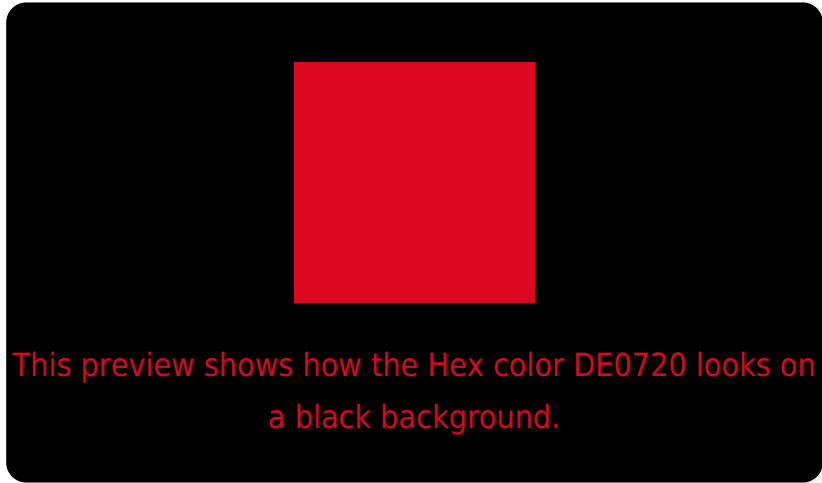
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex DE0720 Background



This preview shows how black text looks on a background with the Hex color DE0720.



This preview shows how white text looks on a background with the Hex color DE0720.

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
DE0720

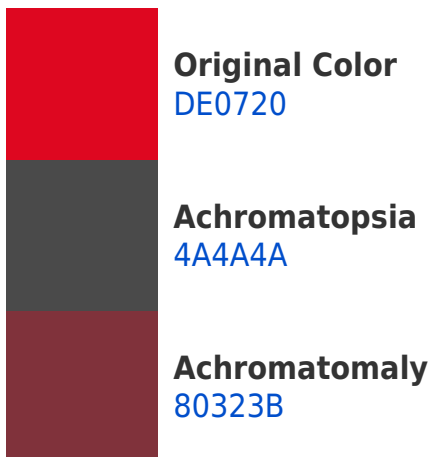
Protanopia
7C7035

Deuteranopia
8E6A00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE0720 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 #DE0720 looks like.

```
.text, #text, p{  
    color:#DE0720  
}
```

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 #DE0720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0720
}
```

Border

The CSS property to change the border of an element to Hex DE0720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

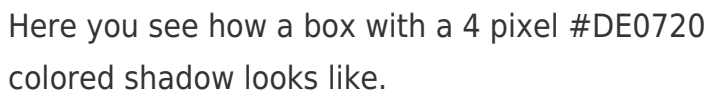
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE0720 }
```

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

```
.border{ border-color:#DE0720 }
```

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



Here you see how a box with a 4 pixel `#DE0720` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0720; -webkit-box-shadow:4px 4px  
4px 4px #DE0720; box-shadow:4px 4px 4px  
4px #DE0720 }
```

Background

The CSS property to change the background color of an element to Hex DE0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0720 }
```

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

```
.background{ background-color:#DE0720 }
```

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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