

# Converting Colors

Hex(D12147)

Have a look what the booklet for  
Hex(D12147) contains.

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# Color

**Hex(D12147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D12147
RGB	209, 33, 71
RGB Percent	82%, 13%, 28%
CMY	0.1804, 0.8706, 0.7216
CMYK	0.00, 0.84, 0.66, 0.18
HSL	347°, 73%, 47%
HSV	347°, 84%, 82%
XYZ	27.9757, 15.0980, 7.4009
YIQ	89.9560, 92.6980, 49.1300

# Conversions

## Conversions Part 2

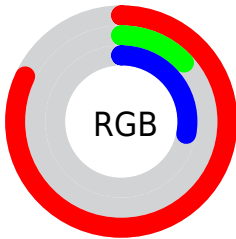
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 33, 71</a>
Decimal	<a href="#">13705543</a>
CIELab	<a href="#">45.77, 66.35, 24.87</a>
CIElCh	<a href="#">46, 70.864, 20.550</a>
Yxy	<a href="#">15.0980, 0.5543, 0.2991</a>
Android (android.graphics.Color)	<a href="#">4291895623 (0xFFD12147)</a>
YUV	<a href="#">89.9560, -9.3453, 104.4016</a>
Hunter-Lab	<a href="#">38.8561, 60.5186, 15.9062</a>

# Details

The Hex color **D12147** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **21D1AB**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6377**, and **93001C** is the 20% darker color. If you saturate the color by 10%, you get **D10C37**, and if you desaturate by 10%, it is **D13657**.

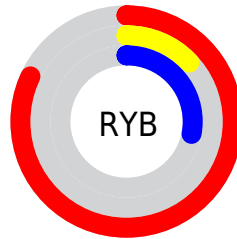
# Distribution



Red (82%)

Green (13%)

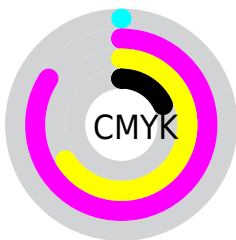
Blue (28%)



Red (82%)

Yellow (13%)

Blue (28%)

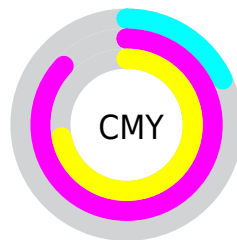


Cyan (0%)

Magenta (84%)

Yellow (66%)

Black (18%)



Cyan (18%)

Magenta (87%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D12147 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 D12147 by changing the saturation by 10% instead.



 D12147

 D12147

FFFFFF

 B20031

 FF6377

 93001C

 FF8091

 740004

 FF9DAB

 550001

 FFBAC6

 380002

 FFD7E2

 0D0000

 FFF5FF

 000000

 D12147

 D12147

 D10C37

 D13657

 D1002D

 D14B68

 D16078

 D17589

 D18A99

 D19EA9

 D1B3BA

 D1C8CA

 D1DDDA

# Harmonies

## Analogous

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



CA1E82



D12147



BC4606

# Triad

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



D12147



008013



0079E3

# Complementary

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



D12147



21D1AB

# 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.



0083C8



D12147



008457

# Square

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



D12147



5D7600



008695



2C65DD

# Rectangle

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



D12147



A25B00



008695



007EDD



# Sweetspot

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



D12147



FFBFCD



AB21D1



805962



000000



808080



# Same Dimension

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



D12147



FF0037



D15321



695E60



A80024



290009



# Inverse Universe

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



D12147



FF0037



219FD1



695E60



A80024



290009



# Previews

## White Background



This preview shows how the Hex color D12147 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 D12147 Background



This preview shows how black text looks on a background with the Hex color D12147.

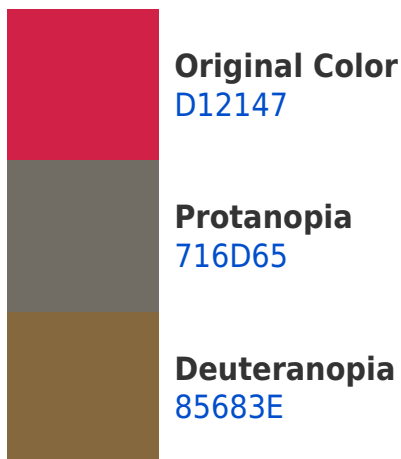


This preview shows how white text looks on a background with the Hex color D12147.

# Color Blindness Simulation

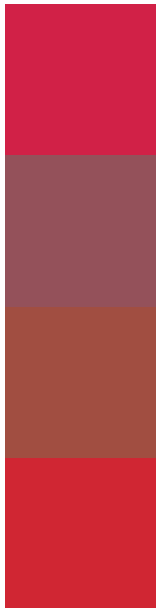
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
D12147

**Protanomaly**  
94515A

**Deuteranomaly**  
A14E41

**Tritanomaly**  
D02633

# Monochromacy



**Original Color**  
D12147

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
854553

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D12147 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 #D12147 looks like.

```
.text, #text, p{  
    color:#D12147  
}
```

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 #D12147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D12147
}
```

## Border

The CSS property to change the border of an element to Hex D12147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

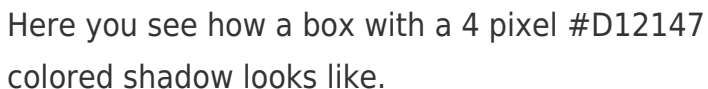
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D12147 }
```

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

```
.border{ border-color:#D12147 }
```

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



Here you see how a box with a 4 pixel #D12147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D12147; -webkit-box-shadow:4px 4px  
4px 4px #D12147; box-shadow:4px 4px 4px  
4px #D12147 }
```

# Background

The CSS property to change the background color of an element to Hex D12147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D12147 }
```

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

```
.background{ background-color:#D12147 }
```

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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