

# Converting Colors

Hex(DD1507)

Have a look what the booklet for  
Hex(DD1507) contains.

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# Color

**Hex(DD1507)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD1507
RGB	221, 21, 7
RGB Percent	87%, 8%, 3%
CMY	0.1333, 0.9176, 0.9725
CMYK	0.00, 0.90, 0.97, 0.13
HSL	4°, 94%, 45%
HSV	4°, 97%, 87%
XYZ	30.1253, 15.9238, 1.6868
YIQ	79.2040, 123.6940, 38.0460

# Conversions

## Conversions Part 2

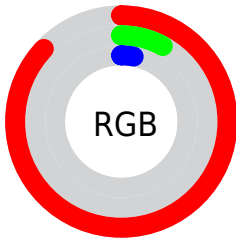
Format	Color
<a href="#">RYB</a>	<a href="#">221, 22, 7</a>
Decimal	<a href="#">14488839</a>
CIELab	<a href="#">46.87, 69.90, 58.55</a>
CIElCh	<a href="#">47, 91.176, 39.950</a>
Yxy	<a href="#">15.9238, 0.6311, 0.3336</a>
Android (android.graphics.Color)	<a href="#">4292678919 (0xFFDD1507)</a>
YUV	<a href="#">79.2040, -35.5966, 124.3551</a>
Hunter-Lab	<a href="#">39.9047, 64.9222, 25.4270</a>

# Details

The Hex color **DD1507** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **07CFDD**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5F3C**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DD0E00**, and if you desaturate by 10%, it is **DD2A1D**.

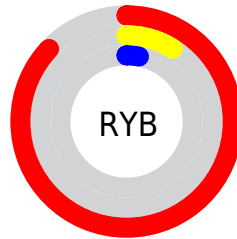
# Distribution



Red (87%)

Green (8%)

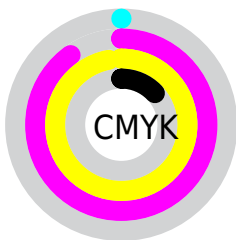
Blue (3%)



Red (87%)

Yellow (9%)

Blue (3%)

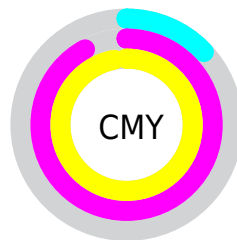


Cyan (0%)

Magenta (90%)

Yellow (97%)

Black (13%)



Cyan (13%)

Magenta (92%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD1507 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 DD1507 by changing the saturation by 10% instead.



 DD1507

 DD1507

 FFFFF8

 BC0000

 FF5F3C

 9B0000

 FF7C55

 7B0000

 FF9A6E

 5C0002

 FFB788

 3E0003

 FFD5A3

 1A0001

 FFF3BF

 000000

 FFFFDB

 DD1507

 DD1507

 DD0E00

 DD2A1D

 DD3E33

 DD5349

 DD685F

 DD7C76

 DD918C

 DDA6A2

 DDBAB8

 DDCFCE

# Harmonies

## Analogous

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



EE005A



DD1507



B05700

# Triad

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



DD1507



008A36



0072FF

# Complementary

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



DD1507



07CFDD

# 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.



0086FF



DD1507



008D88

# Square

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



DD1507



008300



008DD1



8A49E7

# Rectangle

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



DD1507



886D00



008DD1



007BFF



# Sweetspot

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



DD1507



FFBAB5



DD07D2



805653



000000



808080



# Same Dimension

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



DD1507



FF1100



DD7D07



6E6363



AD0B00



2E0300



# Inverse Universe

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



07CFDD



00EEFF



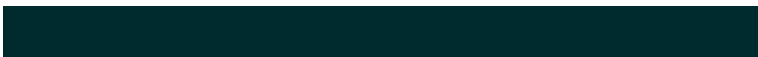
0767DD



636D6E



00A2AD



002B2E



# Previews

## White Background



This preview shows how the Hex color DD1507 looks on a white background.

## Color Contrast Check

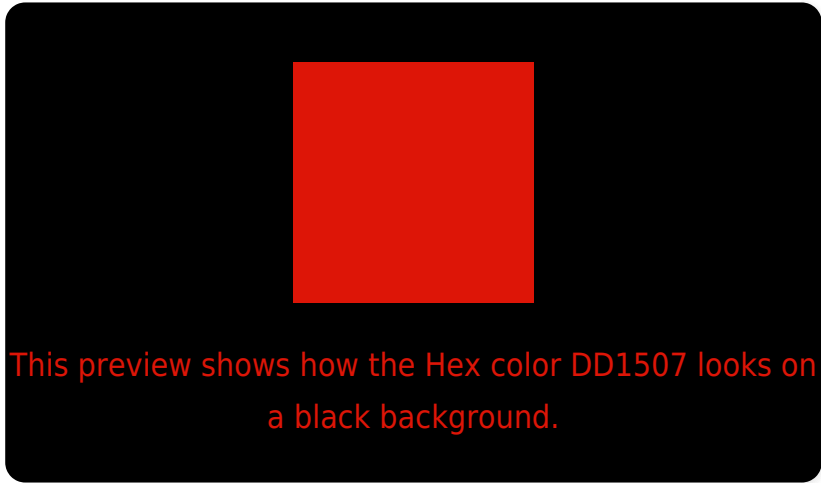
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD1507 Background



This preview shows how black text looks on a background with the Hex color DD1507.



This preview shows how white text looks on a background with the Hex color DD1507.

# 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**  
DD1507

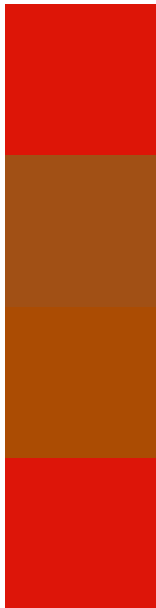
**Protanopia**  
7E711D

**Deuteranopia**  
8E6B00



**Tritanopia**  
DD150A

# Trichromacy



**Original Color**  
DD1507

**Protanomaly**  
A15015

**Deuteranomaly**  
AB4C03

**Tritanomaly**  
DD1509

# Monochromacy



**Original Color**  
DD1507

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
833A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD1507 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 #DD1507 looks like.

```
.text, #text, p{  
    color:#DD1507  
}
```

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 #DD1507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD1507
}
```

## Border

The CSS property to change the border of an element to Hex DD1507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

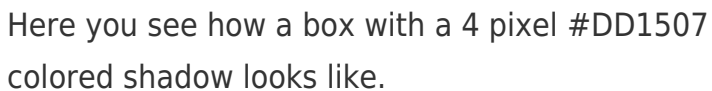
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DD1507 }
```

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

```
.border{ border-color:#DD1507 }
```

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



Here you see how a box with a 4 pixel #DD1507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD1507; -webkit-box-shadow:4px 4px  
4px 4px #DD1507; box-shadow:4px 4px 4px  
4px #DD1507 }
```

# Background

The CSS property to change the background color of an element to Hex DD1507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD1507 }
```

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

```
.background{ background-color:#DD1507 }
```

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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