

# Converting Colors

Hex(D21111)

Have a look what the booklet for  
Hex(D21111) contains.

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**Color**

**Hex(D21111)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D21111
RGB	210, 17, 17
RGB Percent	82%, 7%, 7%
CMY	0.1765, 0.9333, 0.9333
CMYK	0.00, 0.92, 0.92, 0.18
HSL	0°, 85%, 45%
HSV	0°, 92%, 82%
XYZ	26.8800, 14.1430, 1.8435
YIQ	74.7070, 115.0280, 40.9160

# Conversions

## Conversions Part 2

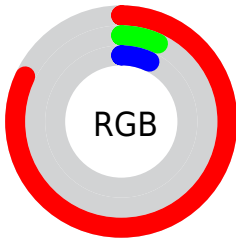
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 17, 17
Decimal	13766929
CIE Lab	44.44, 67.69, 52.85
CIE LCh	44, 85.876, 37.980
Yxy	14.1430, 0.6271, 0.3299
Android (android.graphics.Color)	4291957009 (0xFFD21111)
YUV	74.7070, -28.4496, 118.6520
Hunter-Lab	37.6072, 61.7714, 23.4187

# Details

The Hex color **D21111** 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 **11D2D2**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B41**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D20000**, and if you desaturate by 10%, it is **D22626**.

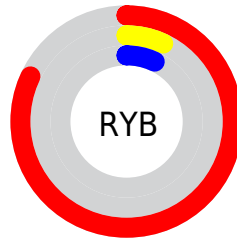
# Distribution



Red (82%)

Green (7%)

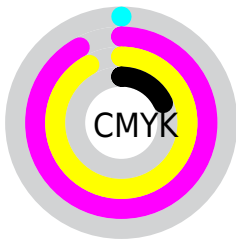
Blue (7%)



Red (82%)

Yellow (7%)

Blue (7%)

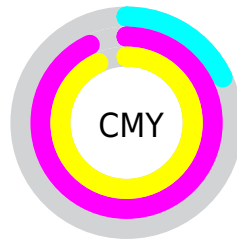


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (18%)



Cyan (18%)

Magenta (93%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D21111 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 D21111 by changing the saturation by 10% instead.



 D21111

 D21111

FFFFFFD

 B10000

 FF5B41

 910000

 FF795A

 710000

 FF9673

 530002

 FFB38D

 350002

 FFD0A8

 020000

 FFEEC3

 000000

 FFFFEO

 D21111

 D21111

 D20000

 D22626

 D23B3B

 D25050

 D26565

 D27A7A

 D28F8F

 D2A4A4

 D2B9B9

 D2CECE

# Harmonies

## Analogous

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



E0005A



D21111



AA5000

# Triad

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



D21111



00822E



006EFA

# Complementary

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



D21111



11D2D2

# 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.



007FF0



D21111



00857B

# Square

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



D21111



007B00



0085C1



7A49DC

# Rectangle

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



D21111



856500



0085C1



0075FB



# Sweetspot

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



D21111



FFB8B8



D211D2



805454



000000



808080



# Same Dimension

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



D21111



FF0000



D27211



695E5E



A80000



290000



# Inverse Universe

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



11D2D2



00FFFF



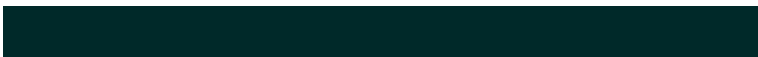
1172D2



5E6969



00A8A8



002929



# Previews

## White Background



This preview shows how the Hex color D21111 looks on a white background.

## Color Contrast Check

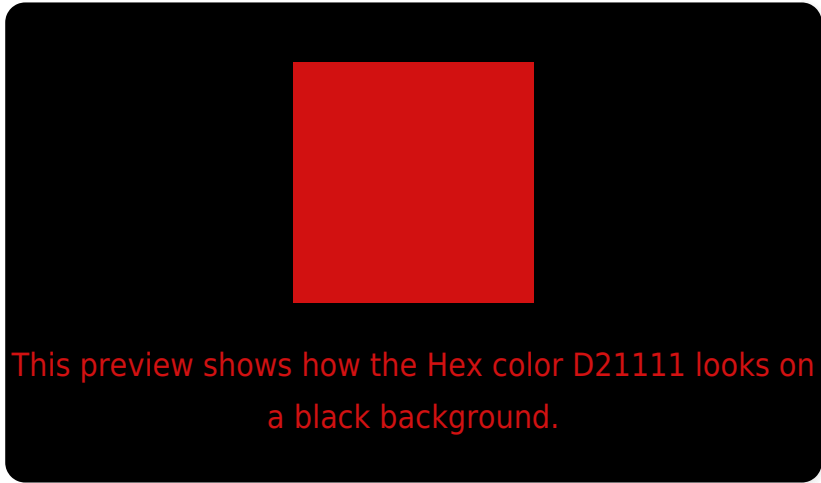
Large Text (above 18pt) WCAG AA ✓ Pass

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 D21111 Background



This preview shows how black text looks on a background with the Hex color D21111.



This preview shows how white text looks on a background with the Hex color D21111.

# 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



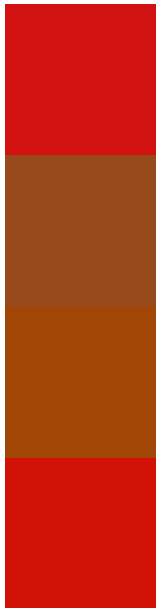
**Original Color**  
D21111

**Protanopia**  
776B23

**Deuteranopia**  
866500



# Trichromacy



**Original Color**  
D21111

**Protanomaly**  
984A1C

**Deuteranomaly**  
A24606

**Tritanomaly**  
D21206

# Monochromacy



**Original Color**  
D21111

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
7C3636

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D21111 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 #D21111 looks like.

```
.text, #text, p{  
    color:#D21111  
}
```

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 #D21111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D21111
}
```

## Border

The CSS property to change the border of an element to Hex D21111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

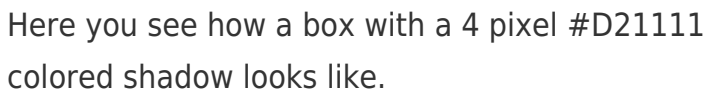
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D21111 }
```

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

```
.border{ border-color:#D21111 }
```

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



Here you see how a box with a 4 pixel #D21111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D21111; -webkit-box-shadow:4px 4px  
4px 4px #D21111; box-shadow:4px 4px 4px  
4px #D21111 }
```

# Background

The CSS property to change the background color of an element to Hex D21111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D21111 }
```

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

```
.background{ background-color:#D21111 }
```

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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