

# Converting Colors

Hex(D31536)

Have a look what the booklet for  
Hex(D31536) contains.

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# Color

**Hex(D31536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D31536
RGB	211, 21, 54
RGB Percent	83%, 8%, 21%
CMY	0.1725, 0.9176, 0.7882
CMYK	0.00, 0.90, 0.74, 0.17
HSL	350°, 82%, 45%
HSV	350°, 90%, 83%
XYZ	27.7980, 14.6516, 4.8529
YIQ	81.5720, 102.6470, 50.5430

# Conversions

## Conversions Part 2

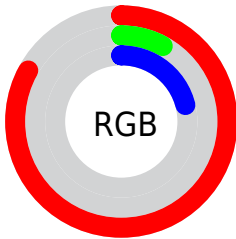
Format	Color
R <sub>Y</sub> B	211, 21, 54
Decimal	13833526
CIE Lab	45.15, 68.30, 34.53
CIE LCh	45, 76.530, 26.817
Yxy	14.6516, 0.5877, 0.3097
Android (android.graphics.Color)	4292023606 (0xFFD31536)
YUV	81.5720, -13.5930, 113.5084
Hunter-Lab	38.2774, 62.6459, 19.2771

# Details

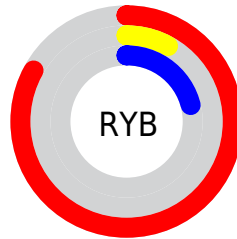
The Hex color **D31536** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **15D3B2**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5D65**, and **93000C** is the 20% darker color. If you saturate the color by 10%, you get **D30025**, and if you desaturate by 10%, it is **D32A47**.

# Distribution



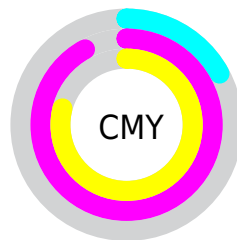
- Red (83%)
- Green (8%)
- Blue (21%)



- Red (83%)
- Yellow (8%)
- Blue (21%)



- Cyan (0%)
- Magenta (90%)
- Yellow (74%)
- Black (17%)



- Cyan (17%)
- Magenta (92%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D31536 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 D31536 by changing the saturation by 10% instead.



 D31536

 D31536

FFFFFF

 B30021

 FF5D65

 93000C

 FF7B7E

 740000

 FF9898

 550002

 FFB5B2

 370002

 FFD3CE

 0B0000

 FFF1EA

 000000

 D31536

 D31536

 D30025

 D32A47

 D33F59

 D3546A

 D3697C

 D37F8D

 D3949F

 D3A9B0

 D3BEC1

 D3D3D3

# Harmonies

## Analogous

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



D30075



D31536



B74800

# Triad

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



D31536



00811A



0076EC

# Complementary

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



D31536



15D3B2

# 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.



0082D6



D31536



008462

# Square

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



D31536



4A7800



0085A3



4C5DDF

# Rectangle

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



D31536



995E00



0085A3



007BE9



# Sweetspot

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



D31536



FFBAC6



B015D3



80575E



000000



808080



# Same Dimension

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



D31536



FF002C



D35115



695E60



A8001D



290007



# Inverse Universe

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



D31536



FF002C



1597D3



695E60



A8001D



290007



# Previews

## White Background



This preview shows how the Hex color D31536 looks on a white background.

## Color Contrast Check

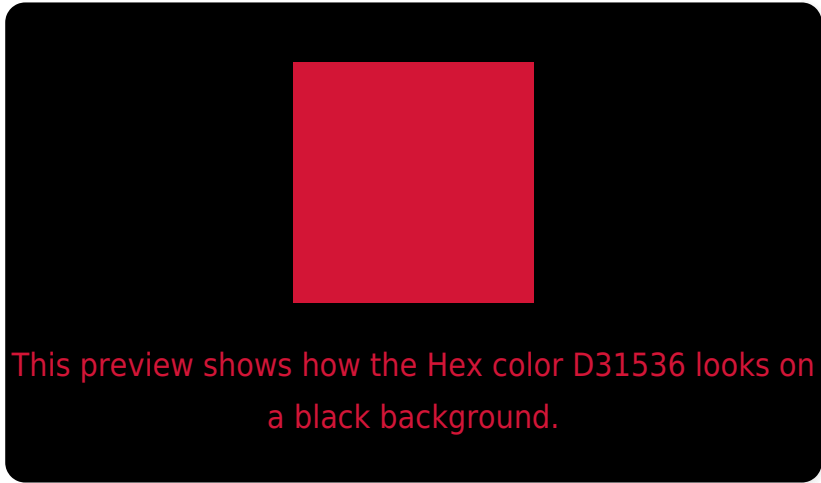
Large Text (above 18pt) WCAG AA ✓ Pass

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 D31536 Background



This preview shows how black text looks on a background with the Hex color D31536.



This preview shows how white text looks on a background with the Hex color D31536.

# 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**  
D31536

**Protanopia**  
746C50

**Deuteranopia**  
87672A



**Tritanopia**  
D21D19

# Trichromacy



**Original Color**  
D31536

**Protanomaly**  
974C47

**Deuteranomaly**  
A3492E

**Tritanomaly**  
D21A24

# Monochromacy



**Original Color**  
D31536

**Achromatopsia**  
525252

**Achromatomaly**  
813C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D31536 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 #D31536 looks like.

```
.text, #text, p{  
    color:#D31536  
}
```

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 #D31536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D31536
}
```

## Border

The CSS property to change the border of an element to Hex D31536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

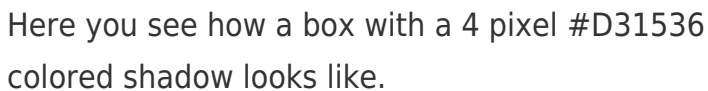
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D31536 }
```

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

```
.border{ border-color:#D31536 }
```

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



Here you see how a box with a 4 pixel #D31536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D31536; -webkit-box-shadow:4px 4px  
4px 4px #D31536; box-shadow:4px 4px 4px  
4px #D31536 }
```

# Background

The CSS property to change the background color of an element to Hex D31536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D31536 }
```

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

```
.background{ background-color:#D31536 }
```

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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