

Converting Colors

Hex(DC2516)

Have a look what the booklet for
Hex(DC2516) contains.

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Color

Hex(DC2516)

Conversions

Conversions Part 1

Format	Color
Hex	DC2516
RGB	220, 37, 22
RGB Percent	86%, 15%, 9%
CMY	0.1373, 0.8549, 0.9137
CMYK	0.00, 0.83, 0.90, 0.14
HSL	5°, 82%, 47%
HSV	5°, 90%, 86%
XYZ	30.3216, 16.5967, 2.3644
YIQ	90.0070, 113.8830, 34.1310

Conversions

Conversions Part 2

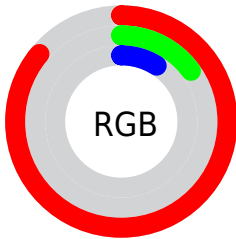
Format	Color
RYB	220, 38, 22
Decimal	14427414
CIELab	47.75, 66.87, 54.11
CIELCh	48, 86.021, 38.980
Yxy	16.5967, 0.6153, 0.3368
Android (android.graphics.Color)	4292617494 (0xFFDC2516)
YUV	90.0070, -33.5275, 114.0039
Hunter-Lab	40.7391, 61.5620, 25.0763

Details

The Hex color **DC2516** 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 **16CDDC**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6647**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DC1100**, and if you desaturate by 10%, it is **DC392C**.

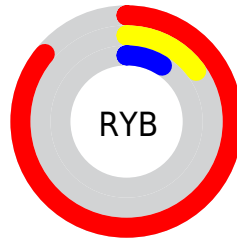
Distribution



Red (86%)

Green (15%)

Blue (9%)



Red (86%)

Yellow (15%)

Blue (9%)

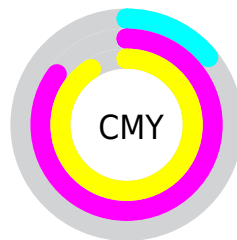


Cyan (0%)

Magenta (83%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC2516 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 DC2516 by changing the saturation by 10% instead.

 DC2516

 DC2516

FFFFFF

 BB0000

 FF6647

 9B0000

 FF835F

 7B0000

 FFA079

 5C0001

 FFBD93

 3F0003

 FFDBAE

 1B0001

 FFF9CA

 000000

 FFFFE6

 DC2516

 DC2516

■ DC1100

■ DC392C

■ DC4E42

■ DC6258

■ DC766E

■ DC8B84

■ DC9F9A

■ DCB3B0

■ DCC8C6

■ DCDCDC

Harmonies

Analogous

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



EB005F



DC2516



B25900

Triad

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



DC2516



008B39



0075FF

Complementary

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



DC2516



16CDDC

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.



0087FB



DC2516



008E86

Square

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



DC2516



0E8400



008ECC



8850E4

Rectangle

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



DC2516



8D6E00



008ECC



007DFF

Sweetspot

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



DC2516



FFBFBA



DC16CF



805A57



000000



808080

Same Dimension

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



DC2516



FF1300



DC8616



6E6463



AD0D00



2E0300

Inverse Universe

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



16CDDC



00ECFF



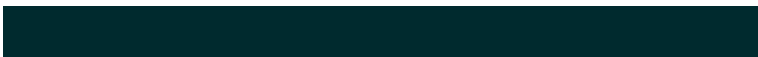
166CDC



636D6E



00A0AD



002A2E

Previews

White Background



This preview shows how the Hex color DC2516 looks on a white background.

Color Contrast Check

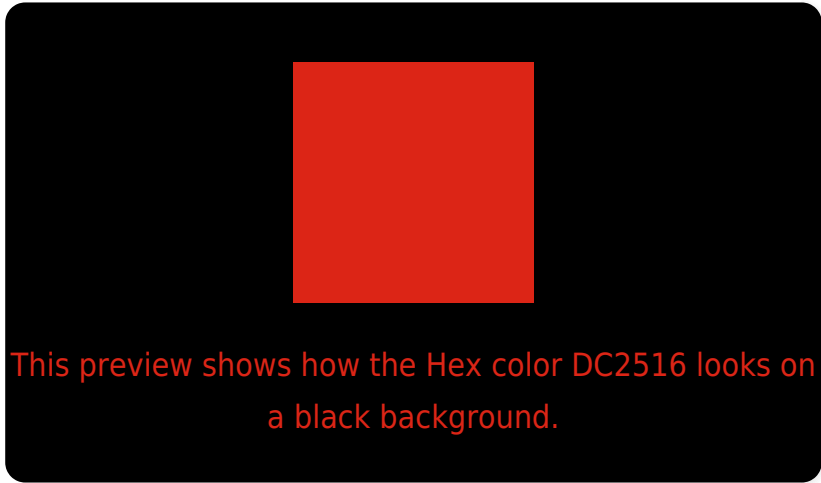
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2516 Background



This preview shows how black text looks on a background with the Hex color DC2516.



This preview shows how white text looks on a background with the Hex color DC2516.

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
DC2516

Protanopia
807227

Tritanopia
DC2422

Trichromacy

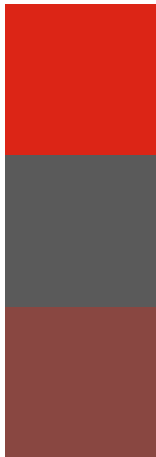


Original Color
DC2516

Protanomaly
A15621

Tritanomaly
DC241E

Monochromacy



Original Color
DC2516

Achromatopsia
5A5A5A

Achromatomaly
894741

CSS Examples

Text

The CSS property to change the color of the text to Hex DC2516 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 #DC2516 looks like.

```
.text, #text, p{  
    color:#DC2516  
}
```

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 #DC2516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2516
}
```

Border

The CSS property to change the border of an element to Hex DC2516 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
#DC2516 }
```

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

```
.border{ border-color:#DC2516 }
```

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

Here you see how a box with a 4 pixel #DC2516 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2516; -webkit-box-shadow:4px 4px  
4px 4px #DC2516; box-shadow:4px 4px 4px  
4px #DC2516 }
```

Background

The CSS property to change the background color of an element to Hex DC2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2516 }
```

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

```
.background{ background-color:#DC2516 }
```

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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