

# Converting Colors

Hex(D82C27)

Have a look what the booklet for  
Hex(D82C27) contains.

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# Color

Hex(D82C27)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D82C27
RGB	216, 44, 39
RGB Percent	85%, 17%, 15%
CMY	0.1529, 0.8275, 0.8471
CMYK	0.00, 0.80, 0.82, 0.15
HSL	2°, 69%, 50%
HSV	2°, 82%, 85%
XYZ	29.5858, 16.5468, 3.5540
YIQ	94.8580, 104.1170, 34.9090

# Conversions

## Conversions Part 2

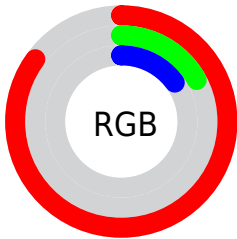
Format	Color
<a href="#">RYB</a>	<a href="#">216, 44, 39</a>
Decimal	<a href="#">14167079</a>
CIELab	<a href="#">47.68, 64.36, 45.88</a>
CIElCh	<a href="#">48, 79.040, 35.486</a>
Yxy	<a href="#">16.5468, 0.5954, 0.3330</a>
Android (android.graphics.Color)	<a href="#">4292357159</a> ( <a href="#">0xFFD82C27</a> )
YUV	<a href="#">94.8580, -27.5380, 106.2415</a>
Hunter-Lab	<a href="#">40.6777, 58.6409, 23.2943</a>

# Details

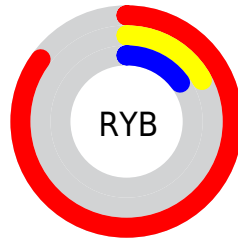
The Hex color **D82C27** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **27D3D8**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6A56**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D81711**, and if you desaturate by 10%, it is **D8413D**.

# Distribution



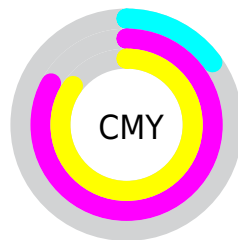
- Red (85%)
- Green (17%)
- Blue (15%)



- Red (85%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (83%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D82C27 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 D82C27 by changing the saturation by 10% instead.



 D82C27

 D82C27

FFFFFF

 B80010

 FF6A56

 980000

 FF876F

 780000

 FFA389

 590001

 FFC0A3

 3D0003

 FFDEBE

 180001

 FFFCDA

 000000

 FFFFF7

 D82C27

 D82C27

 D81711

 D8413D

 D80600

 D85652

 D86B68

 D8807D

 D89593

 D8AAA9

 D8BFBE

 D8D4D4

 D8E9E9

# Harmonies

## Analogous

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



E20068



D82C27



B45800

# Triad

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



D82C27



008935



0077F8

# Complementary

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



D82C27



27D3D8

# 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.



0086EC



D82C27



008C7C

# Square

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



D82C27



338200



008CBE



7B58DF

# Rectangle

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



D82C27



926B00



008CBE



007DF8



# Sweetspot

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



D82C27



FFC1BF



D827D5



805A59



000000



808080



# Same Dimension

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



D82C27



FF0C05



D88227



6B6160



AB0500



2B0100



# Inverse Universe

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



27D3D8



05F8FF



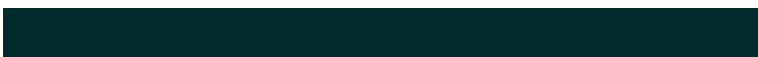
277DD8



606B6B



00A6AB



002A2B



# Previews

## White Background



This preview shows how the Hex color D82C27 looks on a white background.

## Color Contrast Check

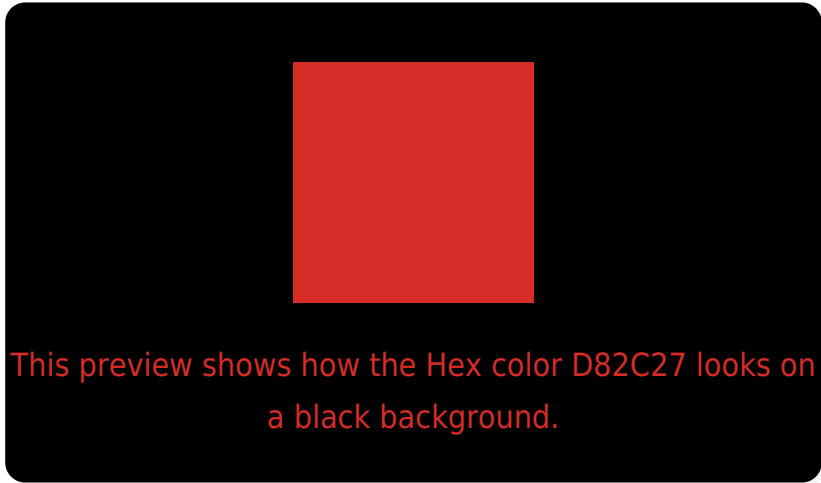
Large Text (above 18pt) WCAG AA ✓ Pass

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 D82C27 Background



This preview shows how black text looks on a background with the Hex color D82C27.



This preview shows how white text looks on a background with the Hex color D82C27.

# 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**  
D82C27

**Protanopia**  
7E7239

**Deuteranopia**  
906C15



**Tritanopia**  
D82B2B

# Trichromacy



**Original Color**  
D82C27

**Protanomaly**  
9F5932

**Deuteranomaly**  
AA551C

**Tritanomaly**  
D82B2A

# Monochromacy



**Original Color**  
D82C27

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
8B4C4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D82C27 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 #D82C27 looks like.

```
.text, #text, p{  
    color:#D82C27  
}
```

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 #D82C27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D82C27
}
```

## Border

The CSS property to change the border of an element to Hex D82C27 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".

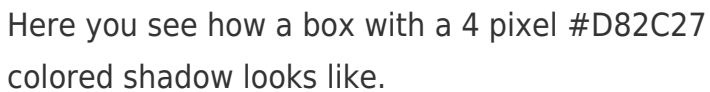
```
.border, #border, table{ border:4px solid
#D82C27 }
```

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

```
.border{ border-color:#D82C27 }
```

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

Here you see how a box with a 4 pixel #D82C27 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D82C27; -webkit-box-shadow:4px 4px  
4px 4px #D82C27; box-shadow:4px 4px 4px  
4px #D82C27 }
```

# Background

The CSS property to change the background color of an element to Hex D82C27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D82C27 }
```

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

```
.background{ background-color:#D82C27 }
```

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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