

Converting Colors

Hex(D91E28)

Have a look what the booklet for
Hex(D91E28) contains.

Hex(D91E28)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D91E28)

Conversions

Conversions Part 1

Format	Color
Hex	D91E28
RGB	217, 30, 40
RGB Percent	85%, 12%, 16%
CMY	0.1490, 0.8824, 0.8431
CMYK	0.00, 0.86, 0.82, 0.15
HSL	357°, 76%, 48%
HSV	357°, 86%, 85%
XYZ	29.4625, 15.8335, 3.5108
YIQ	87.0530, 108.2420, 42.7540

Conversions

Conversions Part 2

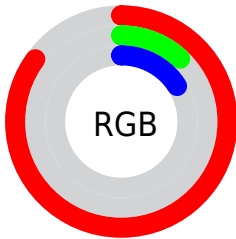
Format	Color
R _Y B	217, 30, 40
Decimal	14229032
CIE Lab	46.76, 67.89, 44.54
CIE LCh	47, 81.198, 33.268
Yxy	15.8335, 0.6037, 0.3244
Android (android.graphics.Color)	4292419112 (0xFFD91E28)
YUV	87.0530, -23.1971, 113.9635
Hunter-Lab	39.7913, 62.5315, 22.6227

Details

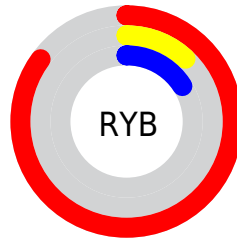
The Hex color **D91E28** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **1ED9CF**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6257**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **D90813**, and if you desaturate by 10%, it is **D9343D**.

Distribution



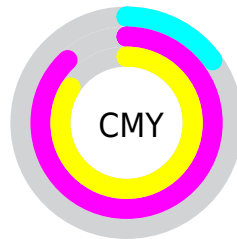
- Red (85%)
- Green (12%)
- Blue (16%)



- Red (85%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (86%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D91E28 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 D91E28 by changing the saturation by 10% instead.

 D91E28

 D91E28

FFFFFF

 B90012

 FF6257

 990000

 FF7F6F

 790000

 FF9D89

 5A0001

 FFBA4

 3C0003

 FFD7BF

 170000

 FFF5DB

 000000

 FFFFF7

 D91E28

 D91E28

 D90813

 D9343D

 D9000C

 D94951

 D95F66

 D9757A

 D98B8F

 D9A0A3

 D9B6B8

 D9CCCC

 D9E1E1

Harmonies

Analogous

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



E1006B



D91E28



B65200

Triad

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



D91E28



00872B



0076FA

Complementary

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



D91E28



1ED9CF

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.



0085EA



D91E28



008A75

Square

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



D91E28



367F00



008AB9



6E58E3

Rectangle

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



D91E28



946700



008AB9



007DF9

Sweetspot

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



D91E28



FFBDC0



CD1ED9



80585A



000000



808080

Same Dimension

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



D91E28



FF000E



D96F1E



6E6363



AD0009



2E0002

Inverse Universe

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



D91E28



FF000E



1E88D9



6E6363



AD0009



2E0002

Previews

White Background



This preview shows how the Hex color D91E28 looks on a white background.

Color Contrast Check

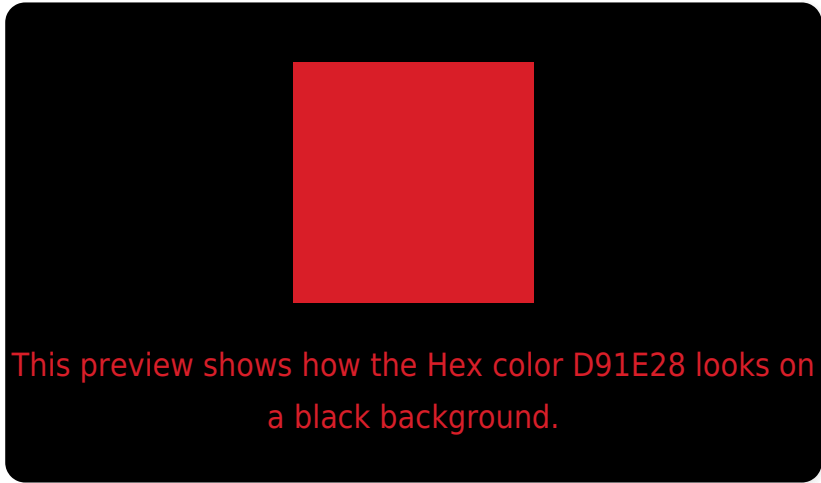
Large Text (above 18pt) WCAG AA ✓ Pass

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 D91E28 Background



This preview shows how black text looks on a background with the Hex color D91E28.



This preview shows how white text looks on a background with the Hex color D91E28.

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
D91E28

Protanopia
7B703D

Deuteranopia
8D6A16



Tritanopia
D9201D

Trichromacy



Original Color
D91E28

Protanomaly
9D5235

Deuteranomaly
A94E1D

Tritanomaly
D91F21

Monochromacy



Original Color
D91E28

Achromatopsia
575757

Achromatomaly
864246

CSS Examples

Text

The CSS property to change the color of the text to Hex D91E28 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 #D91E28 looks like.

```
.text, #text, p{  
    color:#D91E28  
}
```

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 #D91E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D91E28
}
```

Border

The CSS property to change the border of an element to Hex D91E28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

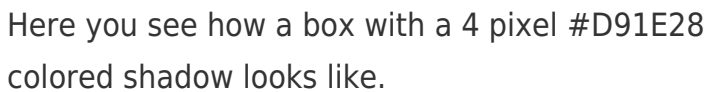
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D91E28 }
```

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

```
.border{ border-color:#D91E28 }
```

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



Here you see how a box with a 4 pixel #D91E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D91E28; -webkit-box-shadow:4px 4px  
4px 4px #D91E28; box-shadow:4px 4px 4px  
4px #D91E28 }
```

Background

The CSS property to change the background color of an element to Hex D91E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D91E28 }
```

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

```
.background{ background-color:#D91E28 }
```

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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