

Converting Colors

Hex(D30F27)

Have a look what the booklet for
Hex(D30F27) contains.

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Color

Hex(D30F27)

Conversions

Conversions Part 1

Format	Color
Hex	D30F27
RGB	211, 15, 39
RGB Percent	83%, 6%, 15%
CMY	0.1725, 0.9412, 0.8471
CMYK	0.00, 0.93, 0.82, 0.17
HSL	353°, 87%, 44%
HSV	353°, 93%, 83%
XYZ	27.4010, 14.3370, 3.2426
YIQ	76.3400, 109.1120, 49.0160

Conversions

Conversions Part 2

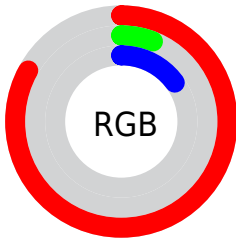
Format	Color
R_{YB}	211, 15, 39
Decimal	13831975
CIE Lab	44.71, 68.61, 42.68
CIE LCh	45, 80.805, 31.886
Yxy	14.3370, 0.6092, 0.3187
Android (android.graphics.Color)	4292022055 (0xFFD30F27)
YUV	76.3400, -18.4086, 118.0968
Hunter-Lab	37.8643, 62.9116, 21.4276

Details

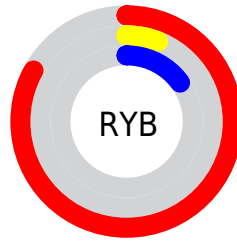
The Hex color **D30F27** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0FD3BB**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5B55**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D3001A**, and if you desaturate by 10%, it is **D3243A**.

Distribution



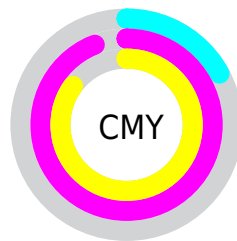
- Red (83%)
- Green (6%)
- Blue (15%)



- Red (83%)
- Yellow (6%)
- Blue (15%)



- Cyan (0%)
- Magenta (93%)
- Yellow (82%)
- Black (17%)



- Cyan (17%)
- Magenta (94%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30F27 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 D30F27 by changing the saturation by 10% instead.

 D30F27

 D30F27

FFFFFF

 B30012

 FF5B55

 930000

 FF796E

 730000

 FF9687

 540002

 FFB3A2

 360002

 FFD1BD

 070000

 FFEED9

 000000

 FFFFF5

 D30F27

 D30F27

 D3001A

 D3243A

 D3394C

 D34E5F

 D36371

 D37984

 D38E96

 D3A3A9

 D3B8BB

 D3CDCE

Harmonies

Analogous

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



D90069



D30F27



B14B00

Triad

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



D30F27



008122



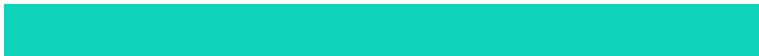
0072F3

Complementary

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



D30F27



0FD3BB

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.



0080E2



D30F27



00846C

Square

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



D30F27



357900



0085B0



6255DE

Rectangle

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



D30F27



916100



0085B0



0078F1

Sweetspot

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



D30F27



FFB8C0



B90FD3



805459



000000



808080

Same Dimension

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



D30F27



FF001F



D3570F



695E5F



A80015



290005

Inverse Universe

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



D30F27



FF001F



0F8BD3



695E5F



A80015



290005

Previews

White Background



This preview shows how the Hex color D30F27 looks on a white background.

Color Contrast Check

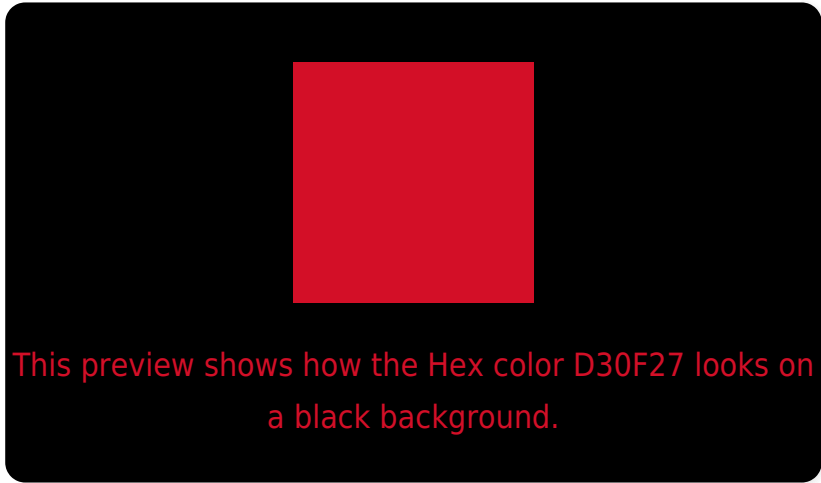
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30F27 Background



This preview shows how black text looks on a background with the Hex color D30F27.



This preview shows how white text looks on a background with the Hex color D30F27.

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
D30F27

Protanopia
766B3D

Deuteranopia
876615



Tritanopia
D3150C

Trichromacy



Original Color
D30F27

Protanomaly
984A35

Deuteranomaly
A3461C

Tritanomaly
D31316

Monochromacy



Original Color
D30F27

Achromatopsia
4C4C4C

Achromatomaly
7D363F

CSS Examples

Text

The CSS property to change the color of the text to Hex D30F27 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 #D30F27 looks like.

```
.text, #text, p{  
    color:#D30F27  
}
```

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 #D30F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30F27  
}
```

Border

The CSS property to change the border of an element to Hex D30F27 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  
#D30F27 }
```

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

```
.border{ border-color:#D30F27 }
```

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

Here you see how a box with a 4 pixel #D30F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30F27; -webkit-box-shadow:4px 4px  
4px 4px #D30F27; box-shadow:4px 4px 4px  
4px #D30F27 }
```

Background

The CSS property to change the background color of an element to Hex D30F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30F27 }
```

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

```
.background{ background-color:#D30F27 }
```

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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