

Converting Colors

Hex(D10227)

Have a look what the booklet for
Hex(D10227) contains.

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Color

Hex(D10227)

Conversions

Conversions Part 1

Format	Color
Hex	D10227
RGB	209, 2, 39
RGB Percent	82%, 1%, 15%
CMY	0.1804, 0.9922, 0.8471
CMYK	0.00, 0.99, 0.81, 0.18
HSL	349°, 98%, 41%
HSV	349°, 99%, 82%
XYZ	26.6824, 13.7452, 3.1662
YIQ	68.1110, 111.4950, 55.3910

Conversions

Conversions Part 2

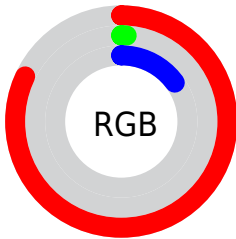
Format	Color
RYB	209, 2, 39
Decimal	13697575
CIELab	43.87, 69.35, 41.71
CIElCh	44, 80.929, 31.027
Yxy	13.7452, 0.6121, 0.3153
Android (android.graphics.Color)	4291887655 (0xFFD10227)
YUV	68.1110, -14.3517, 123.5597
Hunter-Lab	37.0745, 63.5854, 20.8887

Details

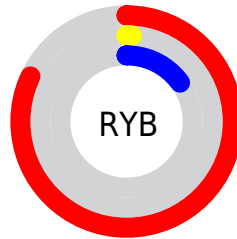
The Hex color **D10227** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **02D1AC**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5755**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D10025**, and if you desaturate by 10%, it is **D11738**.

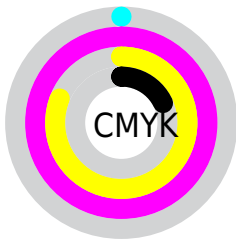
Distribution



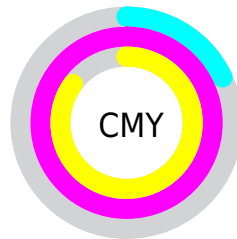
- Red (82%)
- Green (1%)
- Blue (15%)



- Red (82%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (99%)
- Yellow (81%)
- Black (18%)



- Cyan (18%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D10227 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 D10227 by changing the saturation by 10% instead.

 D10227

 D10227

FFFFFF

 B10012

 FF5755

 910000

 FF756D

 710000

 FF9387

 520002

 FFB0A1

 340002

 FFCDBC

 000000

 FFEBD8

 FFFFF5

 D10227

 D10227


 D10025

 D11738

 D12C49

 D1415A

 D1566C

 D16B7D

 D17F8E

 D1949F

 D1A9B0

 D1BEC1

Harmonies

Analogous

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



D70069



D10227



B04800

Triad

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



D10227



007F1D



0071F1

Complementary

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



D10227



02D1AC

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.



007EDF



D10227



008268

Square

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



D10227



357700



0083AC



5B54DD

Rectangle

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



D10227



905E00



0083AC



0077EF

Sweetspot

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



D10227



FFB3C0



AB02D1



80525A



000000



808080

Same Dimension

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



D10227



FF002E



D14402



695E60



A8001E



290007

Inverse Universe

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



D10227



FF002E



028FD1



695E60



A8001E



290007

Previews

White Background



This preview shows how the Hex color D10227 looks on a white background.

Color Contrast Check

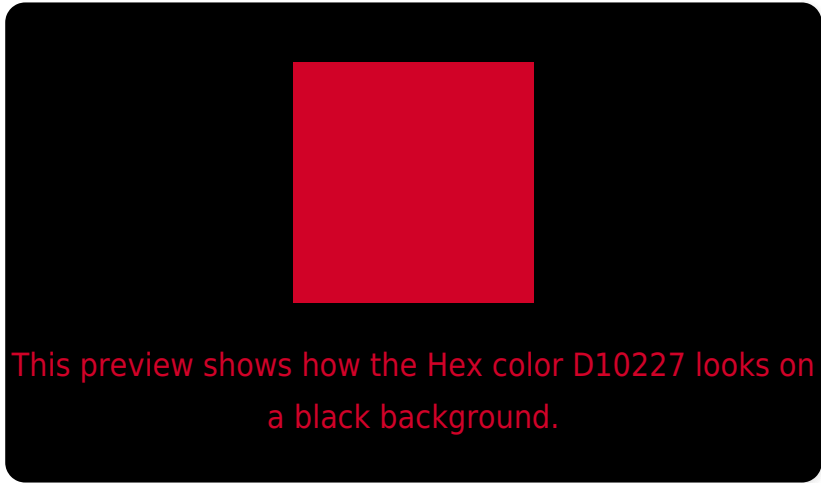
Large Text (above 18pt) WCAG AA ✓ Pass

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 D10227 Background



This preview shows how black text looks on a background with the Hex color D10227.

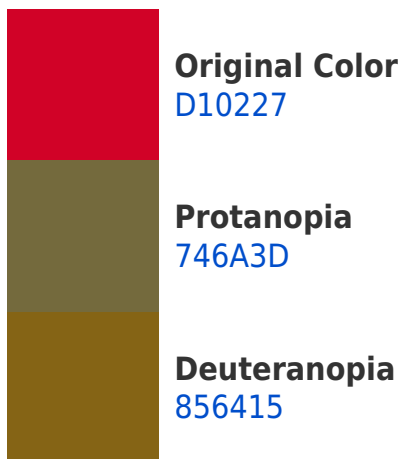


This preview shows how white text looks on a background with the Hex color D10227.

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





Tritanopia
D01200

Trichromacy



Original Color
D10227



Protanomaly
964435



Deuteranomaly
A1401C



Tritanomaly
D00C0E

Monochromacy



Original Color
D10227



Achromatopsia
444444



Achromatomaly
772C39

CSS Examples

Text

The CSS property to change the color of the text to Hex D10227 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 #D10227 looks like.

```
.text, #text, p{  
    color:#D10227  
}
```

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 #D10227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D10227
}
```

Border

The CSS property to change the border of an element to Hex D10227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

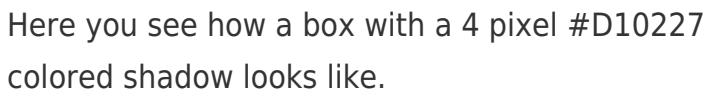
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D10227 }
```

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

```
.border{ border-color:#D10227 }
```

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



Here you see how a box with a 4 pixel #D10227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D10227; -webkit-box-shadow:4px 4px  
4px 4px #D10227; box-shadow:4px 4px 4px  
4px #D10227 }
```

Background

The CSS property to change the background color of an element to Hex D10227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D10227 }
```

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

```
.background{ background-color:#D10227 }
```

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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