

Converting Colors

Hex(D20142)

Have a look what the booklet for
Hex(D20142) contains.

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Color

Hex(D20142)

Conversions

Conversions Part 1

Format	Color
Hex	D20142
RGB	210, 1, 66
RGB Percent	82%, 0%, 26%
CMY	0.1765, 0.9961, 0.7412
CMYK	0.00, 1.00, 0.69, 0.18
HSL	341°, 99%, 41%
HSV	341°, 100%, 82%
XYZ	27.5726, 14.1167, 6.4258
YIQ	70.9010, 103.6990, 64.5230

Conversions

Conversions Part 2

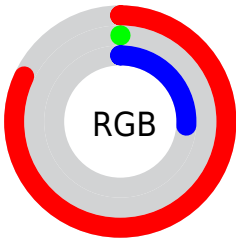
Format	Color
RYB	210, 1, 66
Decimal	13762882
CIELab	44.40, 70.65, 26.27
CIELCh	44, 75.373, 20.398
Yxy	14.1167, 0.5731, 0.2934
Android (android.graphics.Color)	4291952962 (0xFFD20142)
YUV	70.9010, -2.4162, 121.9898
Hunter-Lab	37.5722, 65.2419, 16.1604

Details

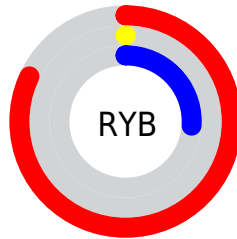
The Hex color **D20142** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **01D291**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5872**, and **930018** is the 20% darker color. If you saturate the color by 10%, you get **D20041**, and if you desaturate by 10%, it is **D21650**.

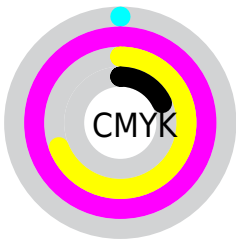
Distribution



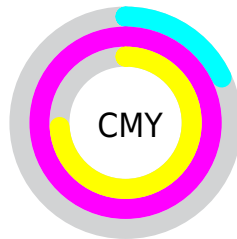
- Red (82%)
- Green (0%)
- Blue (26%)



- Red (82%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D20142 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 D20142 by changing the saturation by 10% instead.

 D20142

 D20142

FFFFFF

 B2002C

 FF5872

 930018

 FF768B

 740000

 FF94A5

 550002

 FFB1C0

 370002

 FFCFDC

 090000

 FFECF9

 000000

 D20142

 D20142

 D20041

 D21650

 D22B5F

 D2406D

 D2557C

 D26A8A

 D27F99

 D294A7

 D2A9B6

 D2BEC4

Harmonies

Analogous

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



CB0080



D20142



BB3F00

Triad

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



D20142



007D00



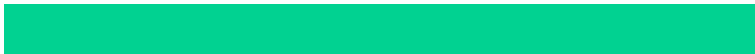
0077E7

Complementary

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



D20142



01D291

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.



0081CA



D20142



008252

Square

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



D20142



587300



008393



0362E1

Rectangle

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



D20142



A15600



008393



007BE1

Sweetspot

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



D20142



FFB3CA



9001D2



805260



000000



808080

Same Dimension

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



D20142



FF004F



D22701



695E61



A80034



29000D

Inverse Universe

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



D20142



FF004F



01ACD2



695E61



A80034



29000D

Previews

White Background



This preview shows how the Hex color D20142 looks on a white background.

Color Contrast Check

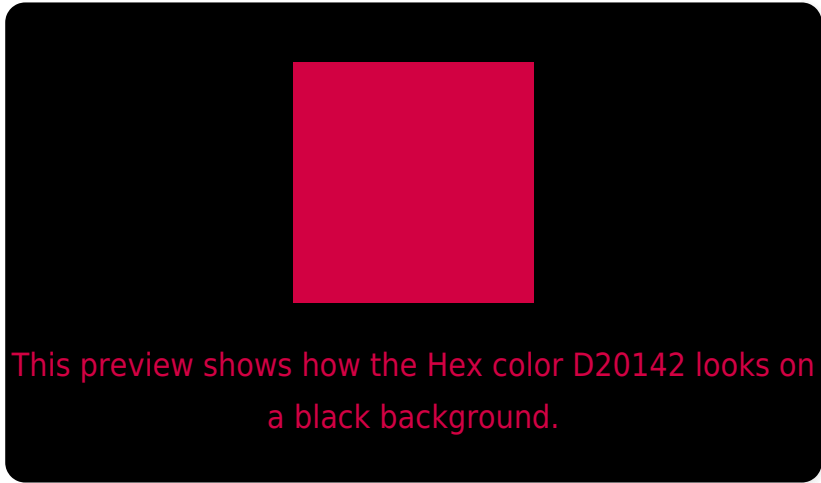
Large Text (above 18pt) WCAG AA ✓ Pass

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 D20142 Background



This preview shows how black text looks on a background with the Hex color D20142.



This preview shows how white text looks on a background with the Hex color D20142.

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
D20142

Protanopia
6F6B62

Deuteranopia
836638



Tritanopia
D11B16

Trichromacy



Original Color
D20142



Protanomaly
934456



Deuteranomaly
A0413C



Tritanomaly
D11226

Monochromacy



Original Color
D20142



Achromatopsia
474747



Achromatomaly
7A2E45

CSS Examples

Text

The CSS property to change the color of the text to Hex D20142 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 #D20142 looks like.

```
.text, #text, p{  
    color:#D20142  
}
```

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 #D20142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20142
}
```

Border

The CSS property to change the border of an element to Hex D20142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

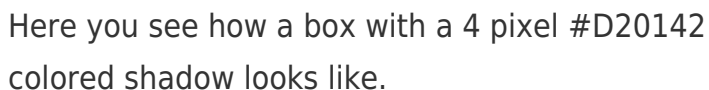
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D20142 }
```

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

```
.border{ border-color:#D20142 }
```

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



Here you see how a box with a 4 pixel #D20142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20142; -webkit-box-shadow:4px 4px  
4px 4px #D20142; box-shadow:4px 4px 4px  
4px #D20142 }
```

Background

The CSS property to change the background color of an element to Hex D20142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20142 }
```

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

```
.background{ background-color:#D20142 }
```

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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