

# Converting Colors

Hex(D20000)

Have a look what the booklet for  
Hex(D20000) contains.

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**Color**

**Hex(D20000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D20000
RGB	210, 0, 0
RGB Percent	82%, 0%, 0%
CMY	0.1765, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.18
HSL	0°, 100%, 41%
HSV	0°, 100%, 82%
XYZ	26.5783, 13.7016, 1.2438
YIQ	62.7900, 125.1600, 44.5200

# Conversions

## Conversions Part 2

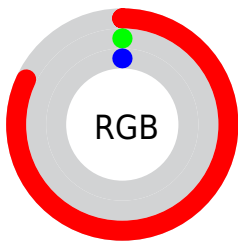
Format	Color
<a href="#">RYB</a>	210, 0, 0
Decimal	13762560
CIELab	43.80, 69.20, 58.06
CIElCh	44, 90.330, 40.000
Yxy	13.7016, 0.6401, 0.3300
Android (android.graphics.Color)	4291952640 (0xFFD20000)
YUV	62.7900, -30.9555, 129.1032
Hunter-Lab	37.0157, 63.3906, 23.9187

# Details

The Hex color **D20000** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00D2D2**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **FF5635**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D20000**, and if you desaturate by 10%, it is **D21515**.

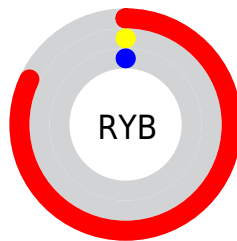
# Distribution



Red (82%)

Green (0%)

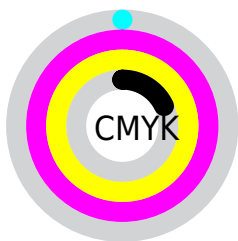
Blue (0%)



Red (82%)

Yellow (0%)

Blue (0%)

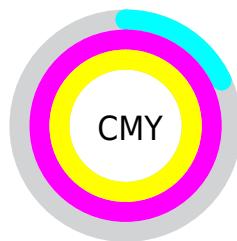


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D20000 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 D20000 by changing the saturation by 10% instead.



 D20000

 D20000

 FFFFF0

 B10000

 FF5635

 910000

 FF744E

 710000

 FF9267

 520002

 FFAF81

 340002

 FFCC9C

 000000

 FFEAB7

 FFFFD3

 D20000

 D21515

 D22A2A

 D23F3F

 D25454

 D26969

 D27E7E

 D29393

 D2A8A8

 D2BDBD

# Harmonies

## Analogous

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



E30053



D20000



A65000

# Triad

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



D20000



00812F



006BFF

# Complementary

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



D20000



00D2D2

# 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.



007EF7



D20000



008480

# Square

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



D20000



007B00



0084C8



8142DD

# Rectangle

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



D20000



7F6500



0084C8



0073FF



# Sweetspot

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



D20000



FFB3B3



D200D2



805252



000000



808080



# Same Dimension

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



D20000



FF0000



D26900



695E5E



A80000

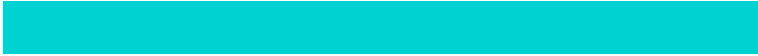


290000



# Inverse Universe

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



00D2D2



00FFFF



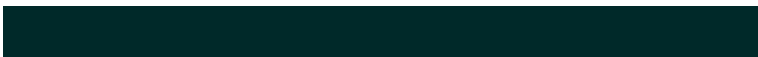
0069D2



5E6969



00A8A8



002929



# Previews

## White Background



This preview shows how the Hex color D20000 looks on a white background.

## Color Contrast Check

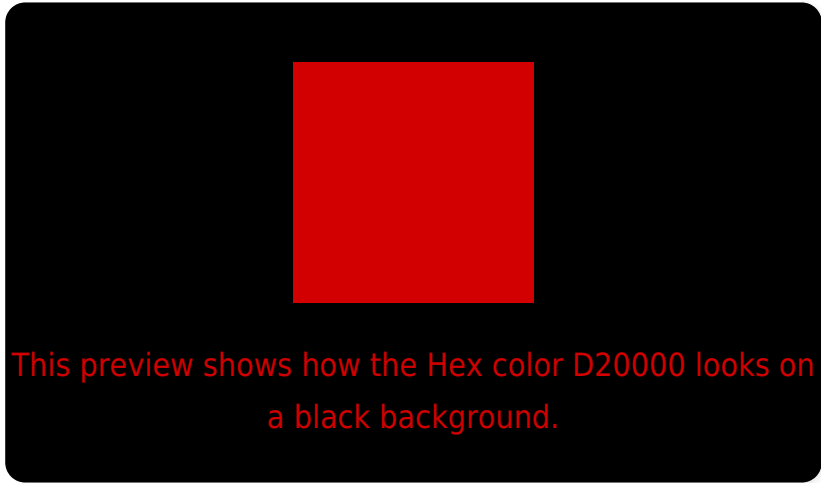
Large Text (above 18pt) WCAG AA ✓ Pass

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 D20000 Background



This preview shows how black text looks on a background with the Hex color D20000.



This preview shows how white text looks on a background with the Hex color D20000.

# 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**  
D20000

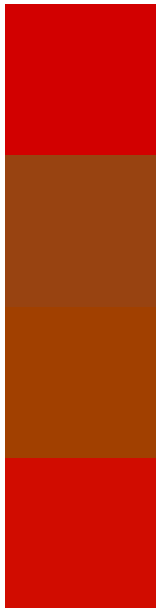
**Protanopia**  
776A1B

**Deuteranopia**  
856500



**Tritanopia**  
D01300

# Trichromacy



**Original Color**  
D20000

**Protanomaly**  
984311

**Deuteranomaly**  
A14000

**Tritanomaly**  
D10C00

# Monochromacy



**Original Color**  
D20000

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
742828

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D20000 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 #D20000 looks like.

```
.text, #text, p{  
    color:#D20000  
}
```

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 #D20000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20000
}
```

## Border

The CSS property to change the border of an element to Hex D20000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

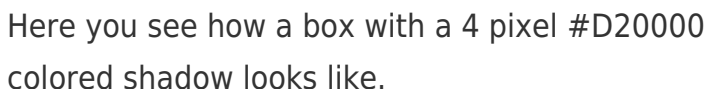
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D20000 }
```

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

```
.border{ border-color:#D20000 }
```

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



Here you see how a box with a 4 pixel #D20000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20000; -webkit-box-shadow:4px 4px  
4px 4px #D20000; box-shadow:4px 4px 4px  
4px #D20000 }
```

# Background

The CSS property to change the background color of an element to Hex D20000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20000 }
```

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

```
.background{ background-color:#D20000 }
```

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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