

Converting Colors

Hex(D20B00)

Have a look what the booklet for
Hex(D20B00) contains.

Hex(D20B00)	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(D20B00)

Conversions

Conversions Part 1

Format	Color
Hex	D20B00
RGB	210, 11, 0
RGB Percent	82%, 4%, 0%
CMY	0.1765, 0.9569, 1.0000
CMYK	0.00, 0.95, 1.00, 0.18
HSL	3°, 100%, 41%
HSV	3°, 100%, 82%
XYZ	26.6980, 13.9410, 1.2837
YIQ	69.2470, 122.1350, 38.7670

Conversions

Conversions Part 2

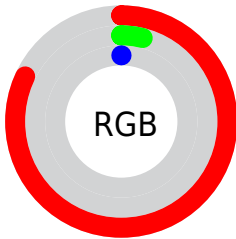
Format	Color
RYB	210, 12, 0
Decimal	13765376
CIELab	44.15, 68.19, 58.18
CIELCh	44, 89.643, 40.471
Yxy	13.9410, 0.6368, 0.3325
Android (android.graphics.Color)	4291955456 (0xFFD20B00)
YUV	69.2470, -34.1388, 123.4404
Hunter-Lab	37.3376, 62.2944, 24.0978

Details

The Hex color **D20B00** 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 **00C7D2**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5936**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D20B00**, and if you desaturate by 10%, it is **D21F15**.

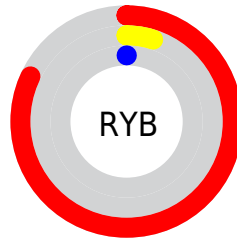
Distribution



Red (82%)

Green (4%)

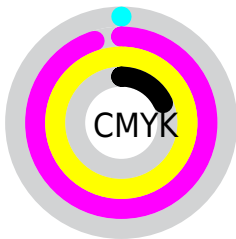
Blue (0%)



Red (82%)

Yellow (5%)

Blue (0%)

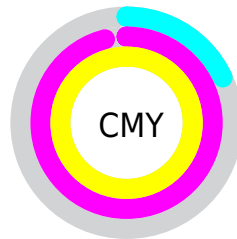


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D20B00 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 D20B00 by changing the saturation by 10% instead.

 D20B00

 D20B00

 FFFFF1

 B10000

 FF5936

 910000

 FF774E

 710000

 FF9468

 520002

 FFB182

 340002

 FFCE9C

 000000

 FFECB8

 FFFFD4

 D20B00

 D21F15

 D2332A

 D2473F

 D25B54

 D26F69

 D2827E

 D29693

 D2AAA8

 D2BEBD

Harmonies

Analogous

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



E40052



D20B00



A65100

Triad

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



D20B00



008232



006BFF

Complementary

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



D20B00



00C7D2

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.



007EF8



D20B00



008582

Square

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



D20B00



007C00



0085C9



8442DC

Rectangle

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



D20B00



7F6600



0085C9



0073FF

Sweetspot

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



D20B00



FFB7B3



D200C8



805452



000000



808080

Same Dimension

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



D20B00



FF0D00



D27300



695F5E



A80900



290200

Inverse Universe

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



00C7D2



00F2FF



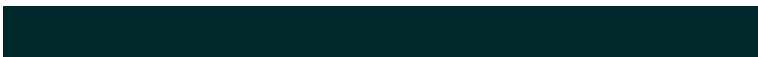
005FD2



5E6869



009FA8



002729

Previews

White Background



This preview shows how the Hex color D20B00 looks on a white background.

Color Contrast Check

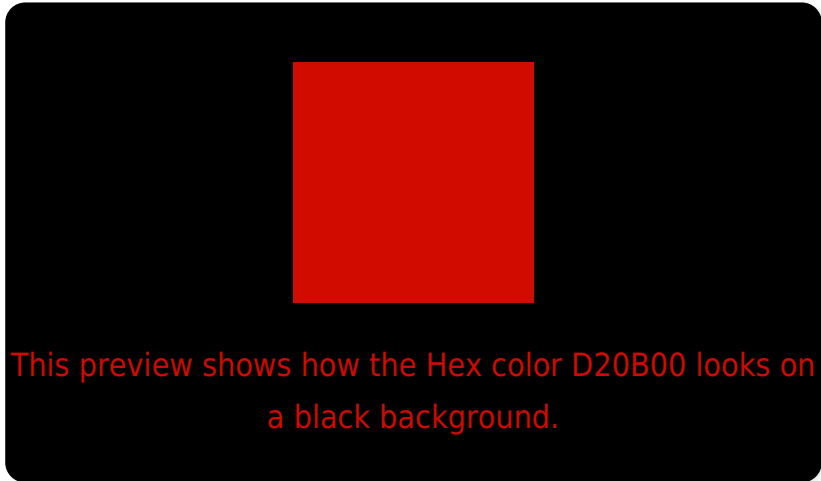
Large Text (above 18pt) WCAG AA ✓ Pass

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 D20B00 Background



This preview shows how black text looks on a background with the Hex color D20B00.



This preview shows how white text looks on a background with the Hex color D20B00.

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
D20B00

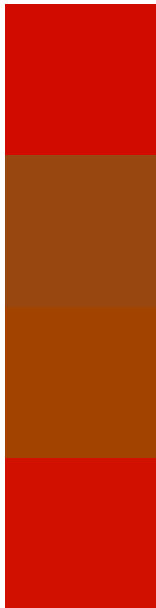
Protanopia
776A1B

Deuteranopia
866500



Tritanopia
D11300

Trichromacy



Original Color
D20B00

Protanomaly
984711

Deuteranomaly
A24400

Tritanomaly
D11000

Monochromacy



Original Color
D20B00

Achromatopsia
454545

Achromatomaly
78302C

CSS Examples

Text

The CSS property to change the color of the text to Hex D20B00 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 #D20B00 looks like.

```
.text, #text, p{  
    color:#D20B00  
}
```

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 #D20B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20B00
}
```

Border

The CSS property to change the border of an element to Hex D20B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

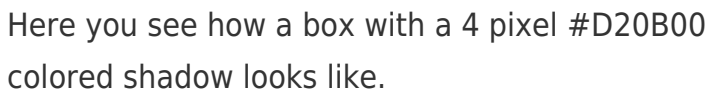
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D20B00 }
```

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

```
.border{ border-color:#D20B00 }
```

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



Here you see how a box with a 4 pixel `#D20B00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20B00; -webkit-box-shadow:4px 4px  
4px 4px #D20B00; box-shadow:4px 4px 4px  
4px #D20B00 }
```

Background

The CSS property to change the background color of an element to Hex D20B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20B00 }
```

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

```
.background{ background-color:#D20B00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor