

Converting Colors

Hex(D14D20)

Have a look what the booklet for
Hex(D14D20) contains.

Hex(D14D20)	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(D14D20)

Conversions

Conversions Part 1

Format	Color
Hex	D14D20
RGB	209, 77, 32
RGB Percent	82%, 30%, 13%
CMY	0.1804, 0.6980, 0.8745
CMYK	0.00, 0.63, 0.85, 0.18
HSL	15°, 73%, 47%
HSV	15°, 85%, 82%
XYZ	29.2091, 18.9673, 3.4881
YIQ	111.3380, 93.1170, 13.9890

Conversions

Conversions Part 2

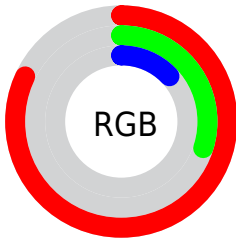
Format	Color
R_{YB}	209, 92, 32
Decimal	13716768
CIE _{Lab}	50.65, 50.13, 51.39
CIE _{LCh}	51, 71.796, 45.710
Yxy	18.9673, 0.5654, 0.3671
Android (android.graphics.Color)	4291906848 (0xFFD14D20)
YUV	111.3380, -39.1136, 85.6496
Hunter-Lab	43.5515, 43.5010, 25.7375

Details

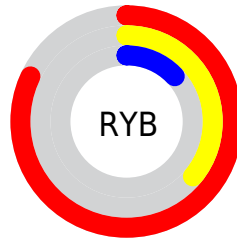
The Hex color **D14D20** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20A4D1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8351**, and **931000** is the 20% darker color. If you saturate the color by 10%, you get **D13D0B**, and if you desaturate by 10%, it is **D15D35**.

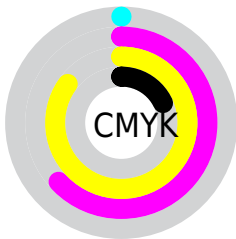
Distribution



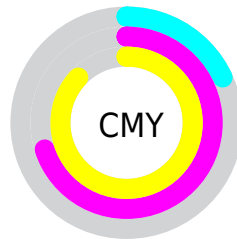
- Red (82%)
- Green (30%)
- Blue (13%)



- Red (82%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (63%)
- Yellow (85%)
- Black (18%)



- Cyan (18%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D14D20 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 D14D20 by changing the saturation by 10% instead.

 D14D20

 D14D20

FFFFFF

 B13104

 FF8351

 931000

 FF9F6A

 740000

 FFBB84

 560000

 FFD79F

 3B0002

 FFF4BA

 160000

 FFFFD7

 000000

 FFFFF3

 D14D20

 D14D20

 D13D0B

 D15D35

 D13500

 D16C4A

 D17C5F

 D18B74

 D19B89

 D1AB9D

 D1BAB2

 D1CAC7

 D1D9DC

Harmonies

Analogous

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



E32E5B



D14D20



AA6B00

Triad

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



D14D20



009158



0075F0

Complementary

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



D14D20



20A4D1

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.



0088F0



D14D20



009398

Square

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



D14D20



1F8C12



0091D0



A257CF

Rectangle

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



D14D20



887A00



0091D0



007DF4

Sweetspot

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



D14D20



FFCFBF



D120A5



806359



000000



808080

Same Dimension

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



D14D20



FF4100



D1A520



69615E



A82B00



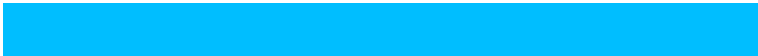
290A00

Inverse Universe

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



20A4D1



00BEFF



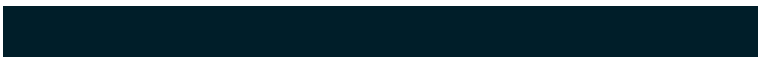
204CD1



5E6669



007EA8



001E29

Previews

White Background



This preview shows how the Hex color D14D20 looks on a white background.

Color Contrast Check

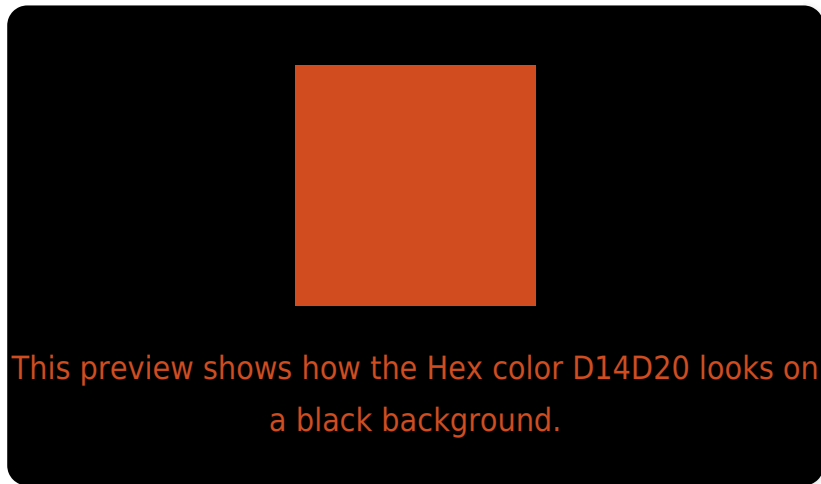
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D14D20 Background



This preview shows how black text looks on a background with the Hex color D14D20.



This preview shows how white text looks on a background with the Hex color D14D20.

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
D14D20

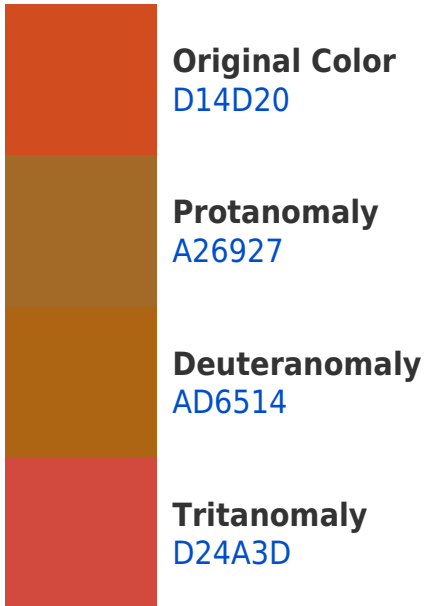
Protanopia
87792B

Deuteranopia
99730D

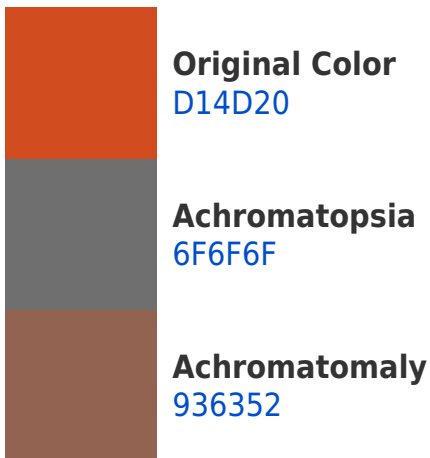


Tritanopia
D2484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D14D20 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 #D14D20 looks like.

```
.text, #text, p{  
    color:#D14D20  
}
```

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 #D14D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D14D20
}
```

Border

The CSS property to change the border of an element to Hex D14D20 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
#D14D20 }
```

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

```
.border{ border-color:#D14D20 }
```

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

Here you see how a box with a 4 pixel #D14D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D14D20; -webkit-box-shadow:4px 4px  
4px 4px #D14D20; box-shadow:4px 4px 4px  
4px #D14D20 }
```

Background

The CSS property to change the background color of an element to Hex D14D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D14D20 }
```

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

```
.background{ background-color:#D14D20 }
```

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