

Converting Colors

Hex(D15200)

Have a look what the booklet for
Hex(D15200) contains.

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Color

Hex(D15200)

Conversions

Conversions Part 1

Format	Color
Hex	D15200
RGB	209, 82, 0
RGB Percent	82%, 32%, 0%
CMY	0.1804, 0.6784, 1.0000
CMYK	0.00, 0.61, 1.00, 0.18
HSL	24°, 100%, 41%
HSV	24°, 100%, 82%
XYZ	29.3118, 19.5899, 2.2363
YIQ	110.6250, 102.0140, 1.4220

Conversions

Conversions Part 2

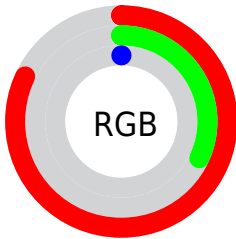
Format	Color
RYB	209, 135, 0
Decimal	13718016
CIELab	51.37, 47.42, 61.38
CIElCh	51, 77.567, 52.314
Yxy	19.5899, 0.5732, 0.3831
Android (android.graphics.Color)	4291908096 (0xFFD15200)
YUV	110.6250, -54.5381, 86.2749
Hunter-Lab	44.2605, 40.7570, 27.9866

Details

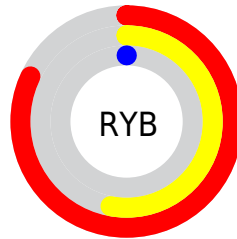
The Hex color **D15200** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **007FD1**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF873D**, and **921A00** is the 20% darker color. If you saturate the color by 10%, you get **D15200**, and if you desaturate by 10%, it is **D15F15**.

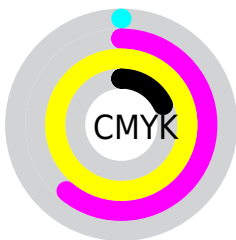
Distribution



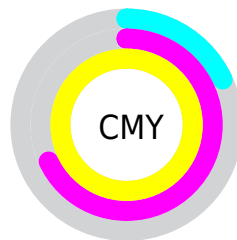
- Red (82%)
- Green (32%)
- Blue (0%)



- Red (82%)
- Yellow (53%)
- Blue (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (100%)
- Black (18%)



- Cyan (18%)
- Magenta (68%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D15200 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 D15200 by changing the saturation by 10% instead.

 D15200

 D15200

FFFFFFD

 B13700

 FF873D

 921A00

 FFA357

 730000

 FFBF72

 550000

 FFDB8C

 3A0002

 FFF8A8

 160000

 FFFFC4

 000000

 FFFFEO

 D15200

 D15F15

 D16B2A

 D1783F

 D18554

 D19269

 D19E7D

 D1AB92

 D1B8A7

 D1C4BC

Harmonies

Analogous

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



EA284D



D15200



A37200

Triad

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



D15200



009567



4271F7

Complementary

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



D15200



007FD1

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.



0088FF



D15200



0097AB

Square

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



D15200



00901C



0093E3



B74CCD

Rectangle

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



D15200



7C8000



0093E3



007AFE

Sweetspot

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



D15200



FFD1B3



D10081



806452



000000



808080

Same Dimension

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



D15200



FF6400



D1B900



69625E



A84200



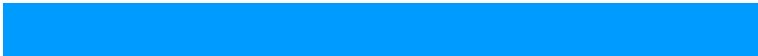
291000

Inverse Universe

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



007FD1



009BFF



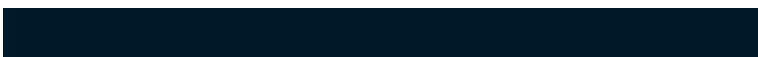
0018D1



5E6469



0066A8



001929

Previews

White Background



This preview shows how the Hex color D15200 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 D15200 Background



This preview shows how black text looks on a background with the Hex color D15200.



This preview shows how white text looks on a background with the Hex color D15200.

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
D15200

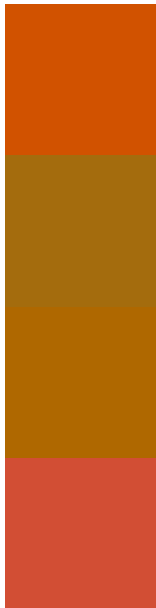
Protanopia
8B7B15

Deuteranopia
9B7500



Tritanopia
D34C51

Trichromacy



Original Color
D15200

Protanomaly
A46C0D

Deuteranomaly
AF6800

Tritanomaly
D24E34

Monochromacy



Original Color
D15200

Achromatopsia
6F6F6F

Achromatomaly
936447

CSS Examples

Text

The CSS property to change the color of the text to Hex D15200 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 #D15200 looks like.

```
.text, #text, p{  
    color:#D15200  
}
```

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 #D15200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D15200
}
```

Border

The CSS property to change the border of an element to Hex D15200 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
#D15200 }
```

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

```
.border{ border-color:#D15200 }
```

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

Here you see how a box with a 4 pixel #D15200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D15200; -webkit-box-shadow:4px 4px  
4px 4px #D15200; box-shadow:4px 4px 4px  
4px #D15200 }
```

Background

The CSS property to change the background color of an element to Hex D15200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D15200 }
```

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

```
.background{ background-color:#D15200 }
```

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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