

Converting Colors

Hex(D22007)

Have a look what the booklet for
Hex(D22007) contains.

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Color

Hex(D22007)

Conversions

Conversions Part 1

Format	Color
Hex	D22007
RGB	210, 32, 7
RGB Percent	82%, 13%, 3%
CMY	0.1765, 0.8745, 0.9725
CMYK	0.00, 0.85, 0.97, 0.18
HSL	7°, 94%, 43%
HSV	7°, 97%, 82%
XYZ	27.1332, 14.7500, 1.6180
YIQ	82.3720, 114.1130, 29.9610

Conversions

Conversions Part 2

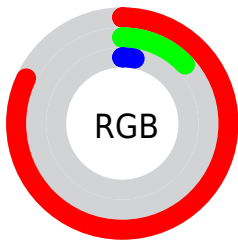
Format	Color
RYB	210, 36, 7
Decimal	13770759
CIELab	45.29, 65.04, 56.50
CIElCh	45, 86.157, 40.980
Yxy	14.7500, 0.6237, 0.3391
Android (android.graphics.Color)	4291960839 (0xFFD22007)
YUV	82.3720, -37.1584, 111.9298
Hunter-Lab	38.4057, 58.8982, 24.3862

Details

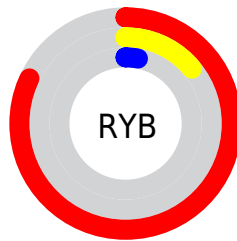
The Hex color **D22007** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **07B9D2**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF613B**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D21A00**, and if you desaturate by 10%, it is **D2321C**.

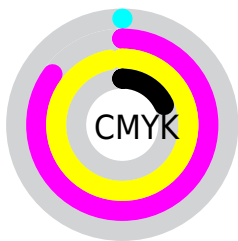
Distribution



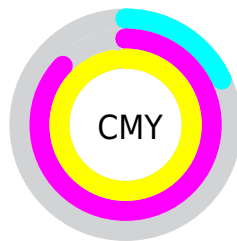
- Red (82%)
- Green (13%)
- Blue (3%)



- Red (82%)
- Yellow (14%)
- Blue (3%)



- Cyan (0%)
- Magenta (85%)
- Yellow (97%)
- Black (18%)



- Cyan (18%)
- Magenta (87%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color D22007 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 D22007 by changing the saturation by 10% instead.

 D22007

 D22007

 FFFFF7

 B20000

 FF613B

 910000

 FF7E54

 720000

 FF9B6E

 530001

 FFB888

 350002

 FFD5A3

 040000

 FFF3BE

 000000

 FFFFDA

 D22007

 D22007

 D21A00

 D2321C

 D24531

 D25746

 D26A5B

 D27C70

 D28E85

 D2A19A

 D2B3AF

 D2C6C4

Harmonies

Analogous

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



E30055



D22007



A75600

Triad

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



D22007



008538



006DFC

Complementary

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



D22007



07B9D2

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.



0080F6



D22007



008885

Square

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



D22007



007F00



0087C9



8946DA

Rectangle

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



D22007



816A00



0087C9



0075FE

Sweetspot

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



D22007



FFBEB5



D207BA



805853



000000



808080

Same Dimension

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



D22007



FF1F00



D28407



695F5E



A81500



290500

Inverse Universe

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



07B9D2



00E0FF



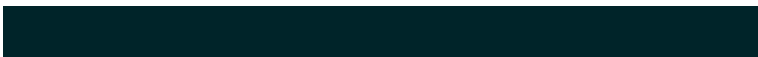
0755D2



5E6769



0094A8



002429

Previews

White Background



This preview shows how the Hex color D22007 looks on a white background.

Color Contrast Check

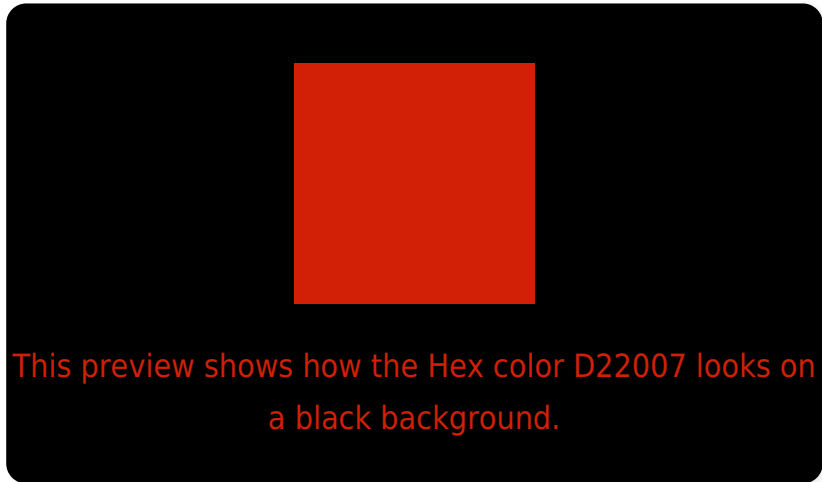
Large Text (above 18pt) WCAG AA ✓ Pass

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 D22007 Background



This preview shows how black text looks on a background with the Hex color D22007.



This preview shows how white text looks on a background with the Hex color D22007.

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
D22007

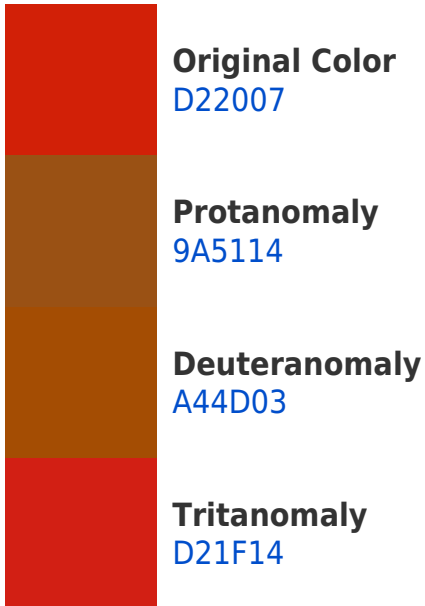
Protanopia
7A6D1B

Deuteranopia
896700



Tritanopia
D21E1B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D22007 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 #D22007 looks like.

```
.text, #text, p{  
    color:#D22007  
}
```

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 #D22007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D22007
}
```

Border

The CSS property to change the border of an element to Hex D22007 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".

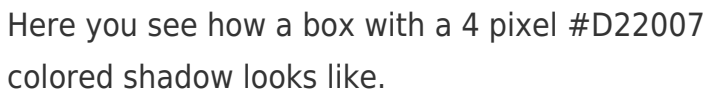
```
.border, #border, table{ border:4px solid
#D22007 }
```

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

```
.border{ border-color:#D22007 }
```

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

Here you see how a box with a 4 pixel #D22007 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white with a red border and a red shadow that is offset to the right and bottom.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D22007; -webkit-box-shadow:4px 4px  
4px 4px #D22007; box-shadow:4px 4px 4px  
4px #D22007 }
```

Background

The CSS property to change the background color of an element to Hex D22007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D22007 }
```

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

```
.background{ background-color:#D22007 }
```

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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