

Converting Colors

Hex(DD2A09)

Have a look what the booklet for
Hex(DD2A09) contains.

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Color

Hex(DD2A09)

Conversions

Conversions Part 1

Format	Color
Hex	DD2A09
RGB	221, 42, 9
RGB Percent	87%, 16%, 4%
CMY	0.1333, 0.8353, 0.9647
CMYK	0.00, 0.81, 0.96, 0.13
HSL	9°, 92%, 45%
HSV	9°, 96%, 87%
XYZ	30.6961, 17.0478, 1.9311
YIQ	91.7590, 117.2770, 27.6850

Conversions

Conversions Part 2

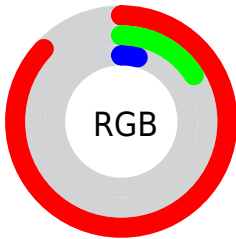
Format	Color
RYB	221, 48, 9
Decimal	14494217
CIELab	48.32, 65.80, 58.74
CIELCh	48, 88.206, 41.754
Yxy	17.0478, 0.6179, 0.3432
Android (android.graphics.Color)	4292684297 (0xFFDD2A09)
YUV	91.7590, -40.8002, 113.3444
Hunter-Lab	41.2890, 60.4491, 26.1292

Details

The Hex color **DD2A09** 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 **09BCDD**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF693E**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD2200**, and if you desaturate by 10%, it is **DD3D1F**.

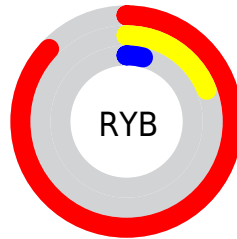
Distribution



Red (87%)

Green (16%)

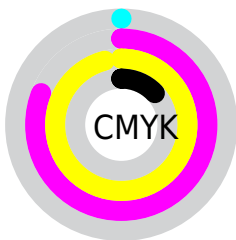
Blue (4%)



Red (87%)

Yellow (19%)

Blue (4%)

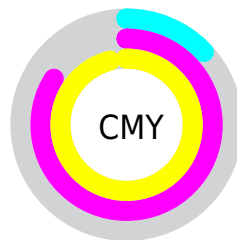


Cyan (0%)

Magenta (81%)

Yellow (96%)

Black (13%)



Cyan (13%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD2A09 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 DD2A09 by changing the saturation by 10% instead.

 DD2A09

 DD2A09

 FFFFFB

 BC0000

 FF693E

 9C0000

 FF8657

 7C0000

 FFA371

 5D0001

 FFC08B

 400003

 FFDDA6

 1D0001

 FFFBC2

 000000

 FFFFDE

 DD2A09

 DD2A09

■ DD2200

■ DD3D1F

■ DD4F35

■ DD624B

■ DD7561

■ DD8778

■ DD9A8E

■ DDADA4

■ DDBFBA

■ DDD2D0

Harmonies

Analogous

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



F00059



DD2A09



B05E00

Triad

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



DD2A09



008E40



0074FF

Complementary

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



DD2A09



09BCDD

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



DD2A09



00908F

Square

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



DD2A09



008700



0090D6



944CE4

Rectangle

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



DD2A09



887200



0090D6



007CFF

Sweetspot

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



DD2A09



FFC1B5



DD09BD



805A53



000000



808080

Same Dimension

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



DD2A09



FF2800



DD9309



6E6463



AD1B00



2E0700

Inverse Universe

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



09BCDD



00D7FF



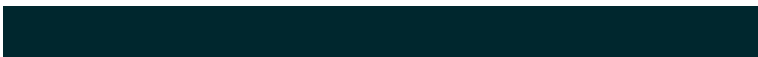
0953DD



636C6E



0092AD



00272E

Previews

White Background



This preview shows how the Hex color DD2A09 looks on a white background.

Color Contrast Check

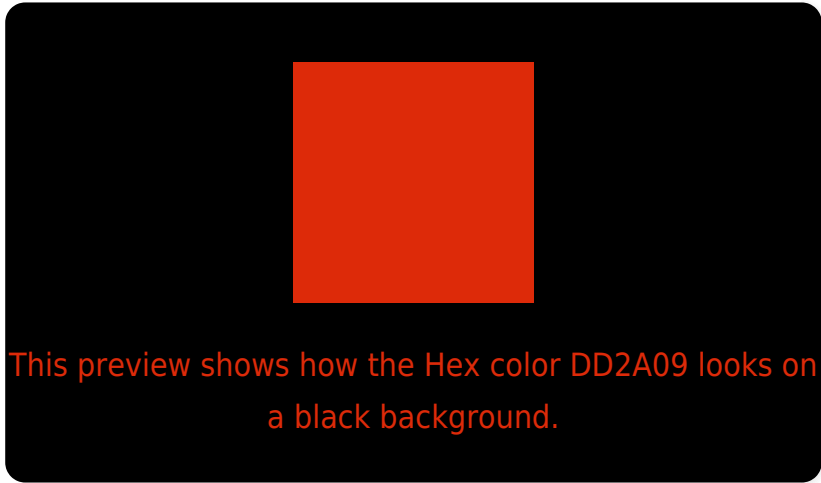
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD2A09 Background



This preview shows how black text looks on a background with the Hex color DD2A09.



This preview shows how white text looks on a background with the Hex color DD2A09.

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

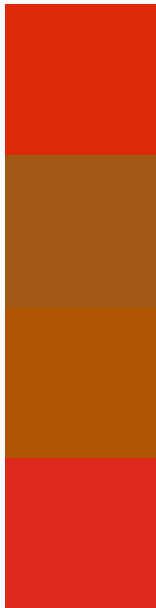


Original Color
DD2A09

Protanopia
82741D

Deuteranopia
926E00

Trichromacy



Original Color
DD2A09

Protanomaly
A35916

Deuteranomaly
AD5503

Tritanomaly
DD291C

Monochromacy



Original Color
DD2A09

Achromatopsia
5C5C5C

Achromatomaly
8B4A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex DD2A09 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 #DD2A09 looks like.

```
.text, #text, p{  
    color:#DD2A09  
}
```

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 #DD2A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD2A09
}
```

Border

The CSS property to change the border of an element to Hex DD2A09 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
#DD2A09 }
```

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

```
.border{ border-color:#DD2A09 }
```

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

Here you see how a box with a 4 pixel #DD2A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD2A09; -webkit-box-shadow:4px 4px  
4px 4px #DD2A09; box-shadow:4px 4px 4px  
4px #DD2A09 }
```

Background

The CSS property to change the background color of an element to Hex DD2A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD2A09 }
```

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

```
.background{ background-color:#DD2A09 }
```

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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