Converting Colors

Hex(DD2244)

Have a look what the booklet for Hex(DD2244) contains.

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Color

Hex(DD2244)

Conversions

Conversions Part 1

Format	Color
Hex	DD2244
RGB	221, 34, 68
RGB Percent	87%, 13%, 27%
CMY	0.1333, 0.8667, 0.7333
CMYK	0.00, 0.85, 0.69, 0.13
HSL	349°, 73%, 50%
HSV	349°, 85%, 87%
XYZ	31.4342, 16.9336, 7.0806
YIQ	93.7890, 100.5380, 50.2180

Conversions

Conversions Part 2

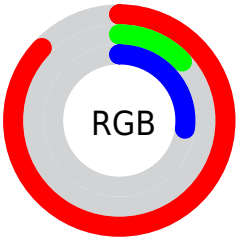
Format	Color
RYB	221, 34, 68
Decimal	14492228
CIELab	48.18, 69.15, 30.22
CIELCh	48, 75.467, 23.607
Yxy	16.9336, 0.5669, 0.3054
Android (android.graphics.Color)	4292682308 (0xFFDD2244)
YUV	93.7890, -12.7140, 111.5640
Hunter-Lab	41.1504, 64.3404, 18.6035

Details

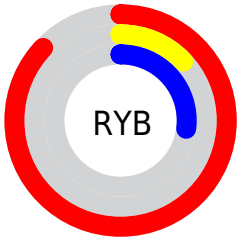
The Hex color DD2244 is a dark color, and the websafe version is hex CC0033. The color can be described as dark washed red. A complement of this color would be 22DDBB, and the grayscale version is 5E5E5E.

A 20% lighter version of the original color is FF6574, and 9D001A is the 20% darker color. If you saturate the color by 10%, you get DD0C32, and if you desaturate by 10%, it is DD3856.

Distribution

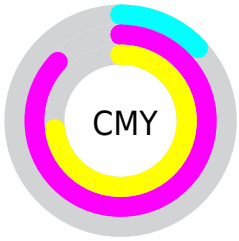


- Red (87%)
- Green (13%)
- Blue (27%)



- Red (87%)
- Yellow (13%)
- Blue (27%)

- Cyan (0%)
- Magenta (85%)
- Yellow (69%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD2244 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 DD2244 by changing the saturation by 10% instead.

DD2244

FFFFFF

FF6574

FF838D

FFA0A8

FFBEC3

FFDBDF

FFF9FC

DD2244

BD002E

9D001A

7E0000

5F0001

420003

200001

000000

DD2244

DD0C32

DD2244

DD3856

DD0028

DD4E68

DD647A

DD7A8C

DD919E

DDA7B0

DDBDC3

DDD3D5

DDE9E7

Harmonies

Analogous

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

D91483

DD2244

C44D00

Triad

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

DD2244

00881B

007FF3

Complementary

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

DD2244

22DDBB

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.

008AD9

DD2244

008C62

Square

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

DD2244

5B7E00

008DA4

4468E9

Rectangle

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

DD2244

A76200

008DA4

0084EE

Sweetspot

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

DD2244

FFBFCB

BB22DD

805960

000000

808080

Same Dimension

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

DD2244

FF002E

DD5D22

6E6365

AD0020

2E0008

Inverse Universe

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

DD2244

FF002E

22A2DD

6E6365

AD0020

2E0008

Previews

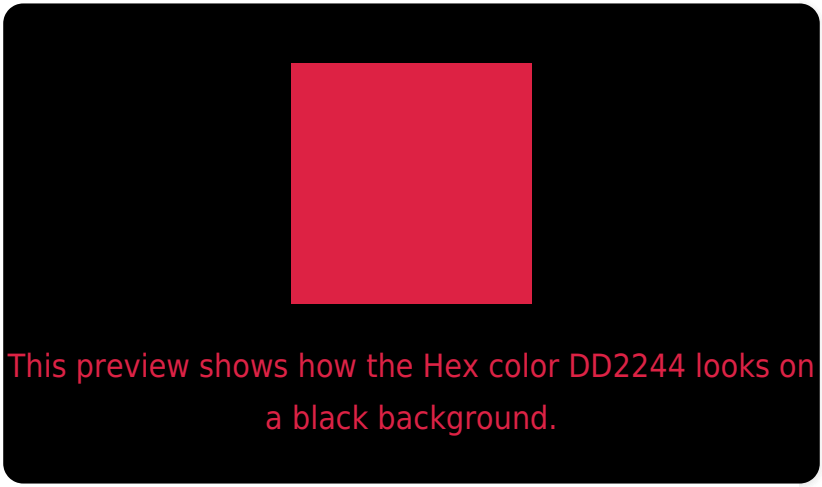
White Background

This preview shows how the Hex color DD2244 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 DD2244 Background

This preview shows how black text looks on a background with the Hex color DD2244.

This preview shows how white text looks on a background with the Hex color DD2244.

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
DD2244

Protanopia
797361

Deuteranopia
8E6E3A

Tritanopia
DC2928

Trichromacy

Original Color
DD2244

Protanomaly
9D5656

Deuteranomaly
AB523E

Tritanomaly
DC2632

Monochromacy

Original Color
DD2244

Achromatopsia
5E5E5E

Achromatomaly
8C4855

CSS Examples

Text

The CSS property to change the color of the text to Hex DD2244 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 #DD2244 looks like.

```
.text, #text, p{
    color:#DD2244
}
```

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 #DD2244 colored shadow looks like.

Here you see how black text with a 4 pixel #DD2244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD2244 }
```

Border

The CSS property to change the border of an element to Hex DD2244 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 #DD2244 }
```

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

```
.border{ border-color:#DD2244 }
```

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

Here you see how a box with a 4 pixel #DD2244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #DD2244; -webkit-box-shadow:4px 4px 4px 4px #DD2244; box-shadow:4px 4px 4px 4px #DD2244 }
```

Background

The CSS property to change the background color of an element to Hex DD2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#DD2244 }
```

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

```
.background{ background-color:#DD2244 }
```

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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