

Converting Colors

Hex(DD2458)

Have a look what the booklet for
Hex(DD2458) contains.

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Color

Hex(DD2458)

Conversions

Conversions Part 1

Format	Color
Hex	DD2458
RGB	221, 36, 88
RGB Percent	87%, 14%, 35%
CMY	0.1333, 0.8588, 0.6549
CMYK	0.00, 0.84, 0.60, 0.13
HSL	343°, 73%, 50%
HSV	343°, 84%, 87%
XYZ	32.2111, 17.3385, 10.8815
YIQ	97.2430, 93.5680, 55.3920

Conversions

Conversions Part 2

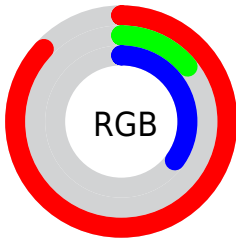
Format	Color
RYB	221, 36, 88
Decimal	14492760
CIELab	48.68, 69.79, 18.71
CIELCh	49, 72.254, 15.009
Yxy	17.3385, 0.5330, 0.2869
Android (android.graphics.Color)	4292682840 (0xFFDD2458)
YUV	97.2430, -4.5568, 108.5349
Hunter-Lab	41.6395, 65.2133, 13.6537

Details

The Hex color **DD2458** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **24DDA9**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF678A**, and **9E002B** is the 20% darker color. If you saturate the color by 10%, you get **DD0E48**, and if you desaturate by 10%, it is **DD3A68**.

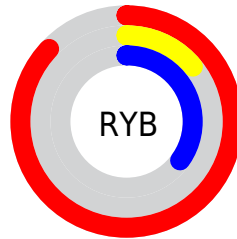
Distribution



Red (87%)

Green (14%)

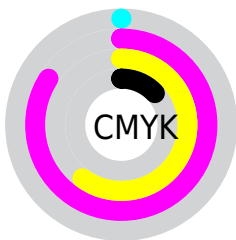
Blue (35%)



Red (87%)

Yellow (14%)

Blue (35%)

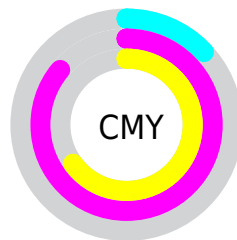


Cyan (0%)

Magenta (84%)

Yellow (60%)

Black (13%)



Cyan (13%)

Magenta (86%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD2458 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 DD2458 by changing the saturation by 10% instead.

 DD2458

 DD2458

FFFFFF

 BE0041

 FF678A

 9E002B

 FF85A4

 7F0018

 FFA2BF

 610001

 FFBFDA

 440003

 FFDDF7

 230001

 FFFBFF

 000000

 DD2458

 DD2458

 DD0E48

 DD3A68

 DD003E

 DD5078

 DD6688

 DD7C98

 DD93A7

 DDA9B7

 DDBFC7

 DDD5D7

 DDEBE7

Harmonies

Analogous

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



D02C95



DD2458



CC461C

Triad

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



DD2458



198605



0084EB

Complementary

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



DD2458



24DDA9

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.



008CCA



DD2458



008C52

Square

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



DD2458



707A00



008E92



0071EB

Rectangle

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



DD2458



B45C00



008E92



0087E3

Sweetspot

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



DD2458



FFBFD1



A924DD



805964



000000



808080

Same Dimension

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



DD2458



FF0048



DD4C24



6E6366



AD0031



2E000D

Inverse Universe

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



DD2458



FF0048



24B5DD



6E6366



AD0031



2E000D

Previews

White Background



This preview shows how the Hex color DD2458 looks on a white background.

Color Contrast Check

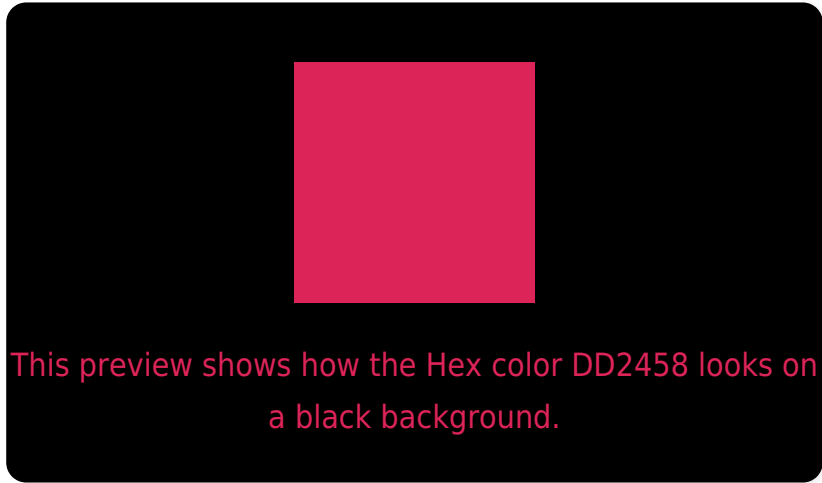
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD2458 Background



This preview shows how black text looks on a background with the Hex color DD2458.

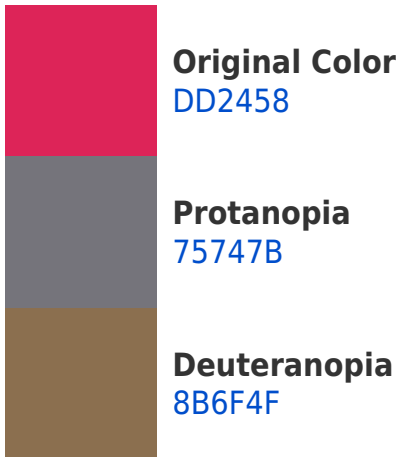


This preview shows how white text looks on a background with the Hex color DD2458.

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](#).

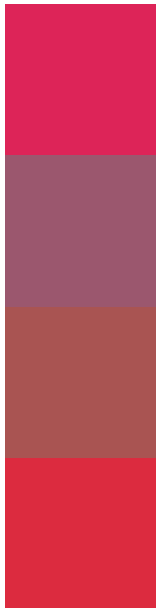
Dichromacy





Tritanopia
DB2F30

Trichromacy



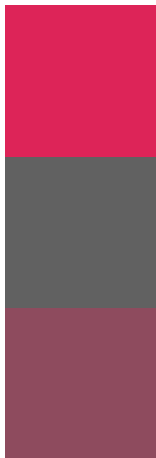
Original Color
DD2458

Protanomaly
9B576E

Deuteranomaly
A95452

Tritanomaly
DC2B3F

Monochromacy



Original Color
DD2458

Achromatopsia
616161

Achromatomaly
8E4B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex DD2458 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 #DD2458 looks like.

```
.text, #text, p{  
    color:#DD2458  
}
```

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 #DD2458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD2458
}
```

Border

The CSS property to change the border of an element to Hex DD2458 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
#DD2458 }
```

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

```
.border{ border-color:#DD2458 }
```

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

Here you see how a box with a 4 pixel #DD2458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD2458; -webkit-box-shadow:4px 4px  
4px 4px #DD2458; box-shadow:4px 4px 4px  
4px #DD2458 }
```

Background

The CSS property to change the background color of an element to Hex DD2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD2458 }
```

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

```
.background{ background-color:#DD2458 }
```

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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