

Converting Colors

Hex(D22F53)

Have a look what the booklet for
Hex(D22F53) contains.

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Color

Hex(D22F53)

Conversions

Conversions Part 1

Format	Color
Hex	D22F53
RGB	210, 47, 83
RGB Percent	82%, 18%, 33%
CMY	0.1765, 0.8157, 0.6745
CMYK	0.00, 0.78, 0.60, 0.18
HSL	347°, 64%, 50%
HSV	347°, 78%, 82%
XYZ	29.1562, 16.3592, 9.8046
YIQ	99.8410, 85.5920, 45.7520

Conversions

Conversions Part 2

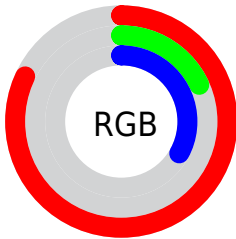
Format	Color
R_{YB}	210, 47, 83
Decimal	13774675
CIE _{Lab}	47.44, 63.75, 19.74
CIE _{LCh}	47, 66.738, 17.204
Yxy	16.3592, 0.5270, 0.2957
Android (android.graphics.Color)	4291964755 (0xFFD22F53)
YUV	99.8410, -8.3026, 96.6094
Hunter-Lab	40.4465, 57.8918, 13.9402

Details

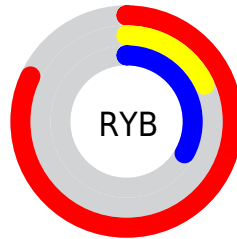
The Hex color **D22F53** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **2FD2AE**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6C84**, and **940027** is the 20% darker color. If you saturate the color by 10%, you get **D21A43**, and if you desaturate by 10%, it is **D24463**.

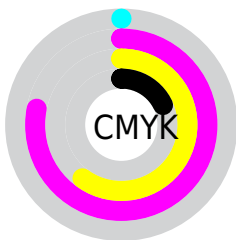
Distribution



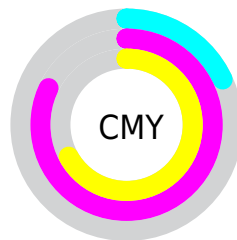
- Red (82%)
- Green (18%)
- Blue (33%)



- Red (82%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (78%)
- Yellow (60%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D22F53 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 D22F53 by changing the saturation by 10% instead.

 D22F53

 D22F53

FFFFFF

 B3003C

 FF6C84

 940027

 FF899E

 760013

 FFA5B9

 580001

 FFC2D5

 3B0003

 FFE0F1

 150000

 FFFDFD

 000000

 D22F53

 D22F53

 D21A43

 D24463

 D20532

 D25974

 D2002E

 D26E84

 D28394

 D298A5

 D2ADB5

 D2C2C6

 D2D7D6

 D2ECE6

Harmonies

Analogous

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



C8328B



D22F53



C14A1D

Triad

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



D22F53



198218



007EDF

Complementary

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



D22F53



2FD2AE

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.



0087C3



D22F53



008856

Square

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



D22F53



6A7800



008990



246CDD

Rectangle

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



D22F53



AA5D00



008990



0082D9

Sweetspot

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



D22F53



FFC4D1



AC2FD2



805C64



000000



808080

Same Dimension

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



D22F53



FF1246



D25A2F



695E60



A80025



290009

Inverse Universe

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



D22F53



FF1246



2FA7D2



695E60



A80025



290009

Previews

White Background



This preview shows how the Hex color D22F53 looks on a white background.

Color Contrast Check

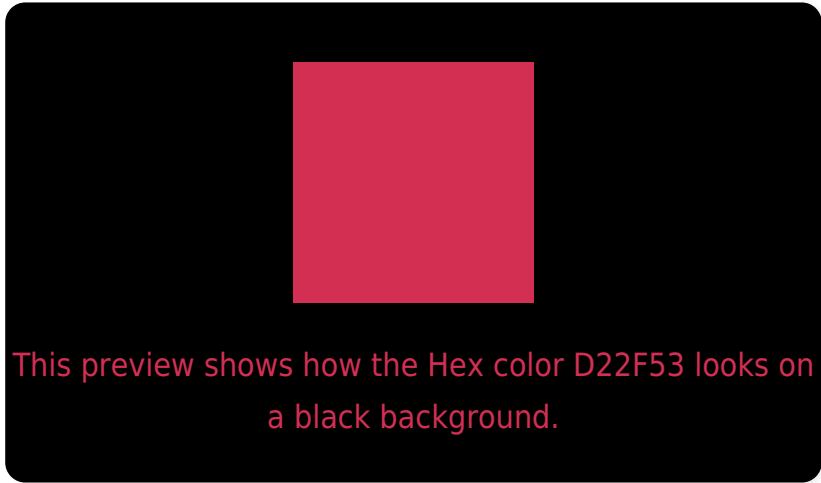
Large Text (above 18pt) WCAG AA ✓ Pass

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 D22F53 Background



This preview shows how black text looks on a background with the Hex color D22F53.



This preview shows how white text looks on a background with the Hex color D22F53.

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
D22F53

Protanopia
737171

Deuteranopia
886C4B

Trichromacy



Original Color
D22F53

Protanomaly
965966

Deuteranomaly
A3564E

Tritanomaly
D13341

Monochromacy



Original Color
D22F53

Achromatopsia
646464

Achromatomaly
8C515E

CSS Examples

Text

The CSS property to change the color of the text to Hex D22F53 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 #D22F53 looks like.

```
.text, #text, p{  
    color:#D22F53  
}
```

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 #D22F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D22F53
}
```

Border

The CSS property to change the border of an element to Hex D22F53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

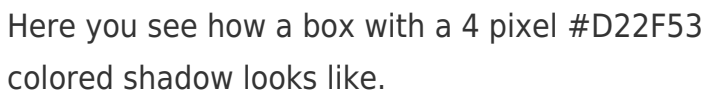
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D22F53 }
```

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

```
.border{ border-color:#D22F53 }
```

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



Here you see how a box with a 4 pixel `#D22F53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D22F53; -webkit-box-shadow:4px 4px  
4px 4px #D22F53; box-shadow:4px 4px 4px  
4px #D22F53 }
```

Background

The CSS property to change the background color of an element to Hex D22F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D22F53 }
```

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

```
.background{ background-color:#D22F53 }
```

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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