

Converting Colors

Hex(DB2C55)

Have a look what the booklet for
Hex(DB2C55) contains.

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Color

Hex(DB2C55)

Conversions

Conversions Part 1

Format	Color
Hex	DB2C55
RGB	219, 44, 85
RGB Percent	86%, 17%, 33%
CMY	0.1412, 0.8275, 0.6667
CMYK	0.00, 0.80, 0.61, 0.14
HSL	346°, 71%, 52%
HSV	346°, 80%, 86%
XYZ	31.7538, 17.5173, 10.3019
YIQ	100.9990, 91.1390, 49.8510

Conversions

Conversions Part 2

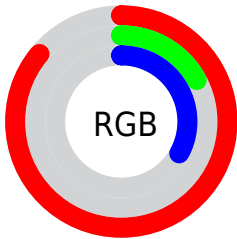
Format	Color
RYB	219, 44, 85
Decimal	14363733
CIELab	48.91, 67.18, 20.77
CIElCh	49, 70.315, 17.182
Yxy	17.5173, 0.5330, 0.2940
Android (android.graphics.Color)	4292553813 (0xFFDB2C55)
YUV	100.9990, -7.8875, 103.4869
Hunter-Lab	41.8537, 62.1814, 14.7039

Details

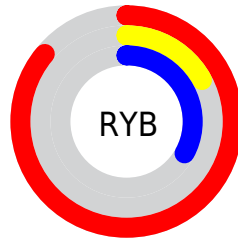
The Hex color **DB2C55** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **2CDDB2**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6B86**, and **9D0029** is the 20% darker color. If you saturate the color by 10%, you get **DB1644**, and if you desaturate by 10%, it is **DB4266**.

Distribution



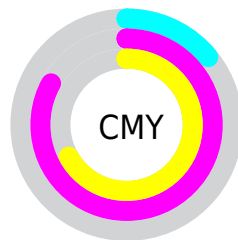
- Red (86%)
- Green (17%)
- Blue (33%)



- Red (86%)
- Yellow (17%)
- Blue (33%)



- Cyan (0%)
- Magenta (80%)
- Yellow (61%)
- Black (14%)



- Cyan (14%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB2C55 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 DB2C55 by changing the saturation by 10% instead.

 DB2C55

 DB2C55

FFFFFF

 BC003E

 FF6B86

 9D0029

 FF88A0

 7E0015

 FFA5BB

 600001

 FFC3D7

 430003

 FFE0F3

 210001

FFFEFF

 000000

 DB2C55

 DB2C55

 DB1644

 DB4266

 DB0033

 DB5877

 DB6E87

 DB8498

 DB9AA9

 DBAFBA

 DBC5CA

 DBDBDB

 DBF1EC

Harmonies

Analogous

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



D02F90



DB2C55



C94B1B

Triad

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



DB2C55



118714



0083E9

Complementary

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



DB2C55



2CDDB2

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.



008CCB



DB2C55



008C58

Square

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



DB2C55



6D7C00



008E96



1970E7

Rectangle

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



DB2C55



B06000



008E96



0087E3

Sweetspot

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



DB2C55



FFC2D0



AF2CDB



805B63



000000



808080

Same Dimension

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



DB2C55



FF0A44



DB582C



6E6365



AD0029



2E000B

Inverse Universe

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



DB2C55



FF0A44



2CAFDB



6E6365



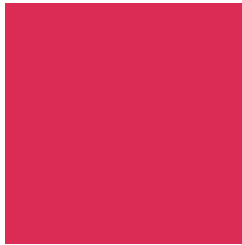
AD0029



2E000B

Previews

White Background



This preview shows how the Hex color DB2C55 looks on a white background.

Color Contrast Check

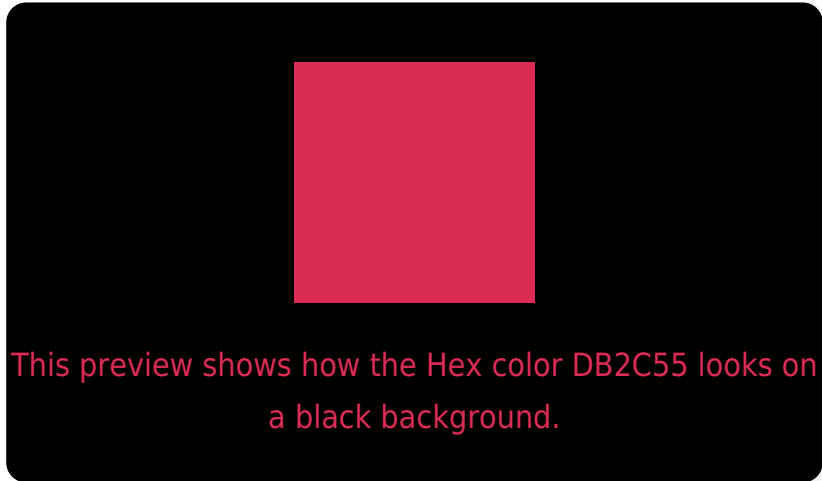
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DB2C55 Background



This preview shows how black text looks on a background with the Hex color DB2C55.



This preview shows how white text looks on a background with the Hex color DB2C55.

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

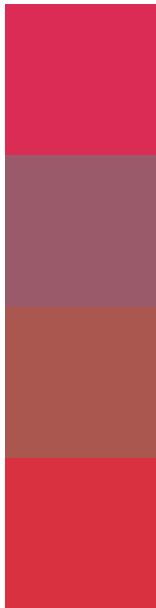


Original Color
DB2C55

Protanopia
777475

Deuteranopia
8D704C

Trichromacy



Original Color
DB2C55

Protanomaly
9B5A69

Deuteranomaly
A9574F

Tritanomaly
DA3141

Monochromacy



Original Color
DB2C55

Achromatopsia
656565

Achromatomaly
90505F

CSS Examples

Text

The CSS property to change the color of the text to Hex DB2C55 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 #DB2C55 looks like.

```
.text, #text, p{  
    color:#DB2C55  
}
```

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 #DB2C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB2C55
}
```

Border

The CSS property to change the border of an element to Hex DB2C55 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
#DB2C55 }
```

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

```
.border{ border-color:#DB2C55 }
```

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

Here you see how a box with a 4 pixel #DB2C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB2C55; -webkit-box-shadow:4px 4px  
4px 4px #DB2C55; box-shadow:4px 4px 4px  
4px #DB2C55 }
```

Background

The CSS property to change the background color of an element to Hex DB2C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB2C55 }
```

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

```
.background{ background-color:#DB2C55 }
```

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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