

# Converting Colors

Hex(D62D54)

Have a look what the booklet for  
Hex(D62D54) contains.

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**Color**

**Hex(D62D54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D62D54
RGB	214, 45, 84
RGB Percent	84%, 18%, 33%
CMY	0.1608, 0.8235, 0.6706
CMYK	0.00, 0.79, 0.61, 0.16
HSL	346°, 67%, 51%
HSV	346°, 79%, 84%
XYZ	30.2702, 16.8130, 10.0373
YIQ	99.9770, 88.2050, 47.9570

# Conversions

## Conversions Part 2

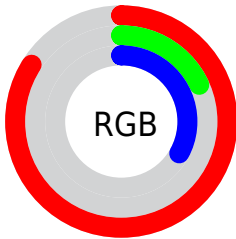
Format	Color
<a href="#">RYB</a>	<a href="#">214, 45, 84</a>
Decimal	<a href="#">14036308</a>
CIELab	<a href="#">48.02, 65.49, 20.04</a>
CIElCh	<a href="#">48, 68.485, 17.013</a>
Yxy	<a href="#">16.8130, 0.5299, 0.2943</a>
Android (android.graphics.Color)	<a href="#">4292226388 (0xFFD62D54)</a>
YUV	<a href="#">99.9770, -7.8767, 99.9982</a>
Hunter-Lab	<a href="#">41.0037, 60.0178, 14.1889</a>

# Details

The Hex color **D62D54** 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 **2DD6AF**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6B85**, and **980028** is the 20% darker color. If you saturate the color by 10%, you get **D61844**, and if you desaturate by 10%, it is **D64264**.

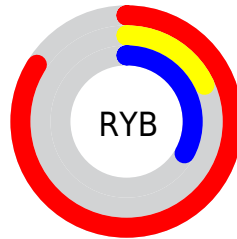
# Distribution



Red (84%)

Green (18%)

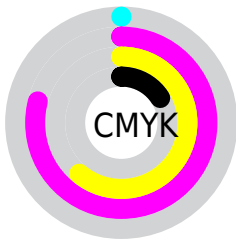
Blue (33%)



Red (84%)

Yellow (18%)

Blue (33%)

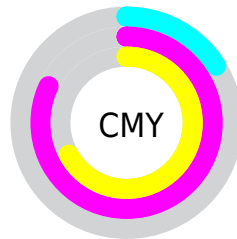


Cyan (0%)

Magenta (79%)

Yellow (61%)

Black (16%)



Cyan (16%)

Magenta (82%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D62D54 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 D62D54 by changing the saturation by 10% instead.



 D62D54

 D62D54

FFFFFF

 B7003D

 FF6B85

 980028

 FF889F

 790014

 FFA5BA

 5B0001

 FFC2D6

 3F0003

 FFE0F2

 1B0001

 FFFDFD

 000000

 D62D54

 D62D54

 D61844

 D64264

 D60233

 D65875

 D60031

 D66D85

 D68396

 D698A6

 D6ADB7

 D6C3C7

 D6D8D8

 D6EEE8

# Harmonies

## Analogous

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



CB308E



D62D54



C44A1C

# Triad

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



D62D54



168415



0080E4

# Complementary

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



D62D54



2DD6AF

# 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.



0089C6



D62D54



008A56

# Square

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



D62D54



6B7900



008B92



1C6EE2

# Rectangle

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



D62D54



AD5E00



008B92



0084DD



# Sweetspot

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



D62D54



FFC2D0



AF2DD6



805B63



000000



808080



# Same Dimension

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



D62D54



FF0D45



D65A2D



6B6063



AB0027



2B000A



# Inverse Universe

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



D62D54



FF0D45



2DA9D6



6B6063



AB0027



2B000A



# Previews

## White Background



This preview shows how the Hex color D62D54 looks on a white background.

## Color Contrast Check

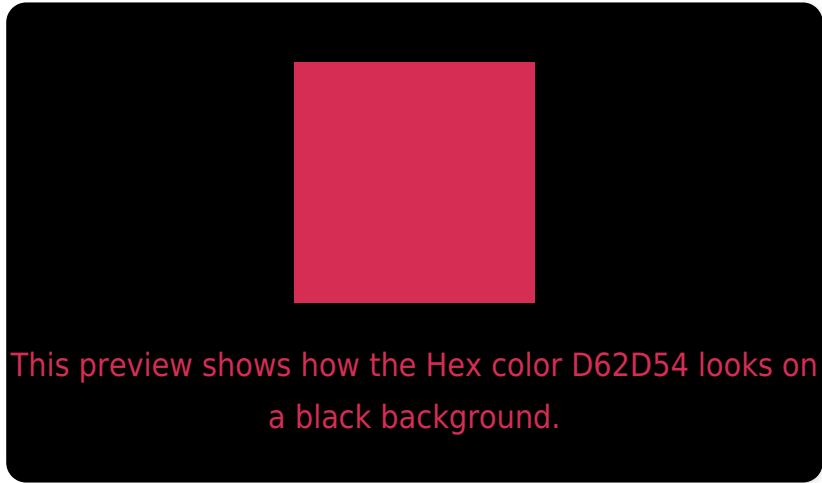
Large Text (above 18pt) WCAG AA ✓ Pass

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 D62D54 Background



This preview shows how black text looks on a background with the Hex color D62D54.



This preview shows how white text looks on a background with the Hex color D62D54.

# 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**  
D62D54

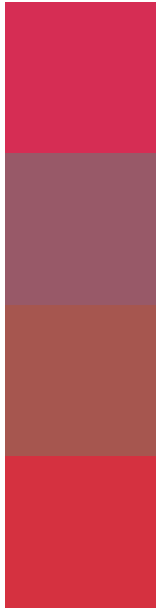
**Protanopia**  
757273

**Deuteranopia**  
8A6E4C



**Tritanopia**  
D53435

# Trichromacy



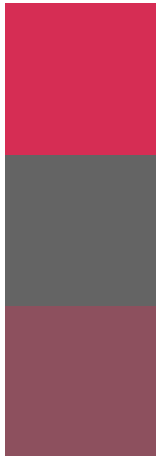
**Original Color**  
D62D54

**Protanomaly**  
985968

**Deuteranomaly**  
A6564F

**Tritanomaly**  
D53140

# Monochromacy



**Original Color**  
D62D54

**Achromatopsia**  
646464

**Achromatomaly**  
8D505E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D62D54 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 #D62D54 looks like.

```
.text, #text, p{  
    color:#D62D54  
}
```

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 #D62D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D62D54
}
```

## Border

The CSS property to change the border of an element to Hex D62D54 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
#D62D54 }
```

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

```
.border{ border-color:#D62D54 }
```

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

Here you see how a box with a 4 pixel #D62D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D62D54; -webkit-box-shadow:4px 4px  
4px 4px #D62D54; box-shadow:4px 4px 4px  
4px #D62D54 }
```

# Background

The CSS property to change the background color of an element to Hex D62D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D62D54 }
```

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

```
.background{ background-color:#D62D54 }
```

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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