

Converting Colors

Hex(D24A45)

Have a look what the booklet for
Hex(D24A45) contains.

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Color

Hex(D24A45)

Conversions

Conversions Part 1

Format	Color
Hex	D24A45
RGB	210, 74, 69
RGB Percent	82%, 29%, 27%
CMY	0.1765, 0.7098, 0.7294
CMYK	0.00, 0.65, 0.67, 0.18
HSL	2°, 61%, 55%
HSV	2°, 67%, 82%
XYZ	30.1013, 19.0289, 7.7166
YIQ	114.0940, 82.6610, 27.2770

Conversions

Conversions Part 2

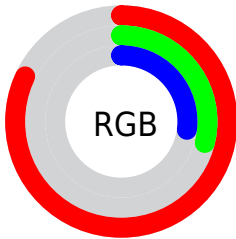
Format	Color
RYB	210, 74, 69
Decimal	13781573
CIELab	50.72, 53.22, 32.27
CIELCh	51, 62.243, 31.228
Yxy	19.0289, 0.5295, 0.3347
Android (android.graphics.Color)	4291971653 (0xFFD24A45)
YUV	114.0940, -22.2313, 84.1096
Hunter-Lab	43.6221, 46.8348, 20.0472

Details

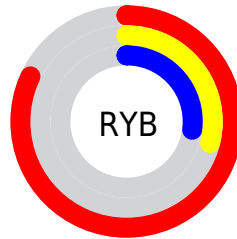
The Hex color **D24A45** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45CDD2**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8176**, and **950519** is the 20% darker color. If you saturate the color by 10%, you get **D23630**, and if you desaturate by 10%, it is **D25E5A**.

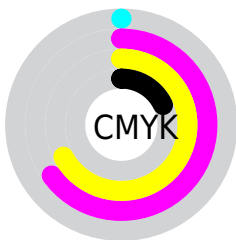
Distribution



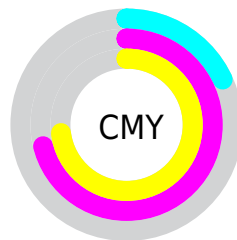
- Red (82%)
- Green (29%)
- Blue (27%)



- Red (82%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (67%)
- Black (18%)



- Cyan (18%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D24A45 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 D24A45 by changing the saturation by 10% instead.

 D24A45

 D24A45

FFFFFF

 B32D2E

 FF8176

 950519

 FF9D8F

 770000

 FFB9AA

 590000

 FFD6C5

 3D0002

 FFF3E1

 1A0001

FFFFFFE

 000000

 D24A45

 D24A45

 D23630

 D25E5A

 D2211B

 D2736F

 D20D06

 D28784

 D20700

 D29B99

 D2AFAE

 D2C4C3

 D2D8D8

 D2ECED

 D2FFFF

Harmonies

Analogous

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



D53F79



D24A45



B86213

Triad

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



D24A45



008D42



007FE4

Complementary

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



D24A45



45CDD2

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.



008BD6



D24A45



009179

Square

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



D24A45



5A8507



0090AF



796AD4

Rectangle

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



D24A45



9E7100



0090AF



0084E2

Sweetspot

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



D24A45



FFCECC



D245CD



806261



000000



808080

Same Dimension

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



D24A45



FF3830



D29045



695E5E



A80600



290100

Inverse Universe

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



45CDD2



30F8FF



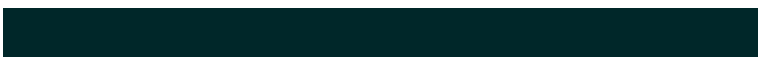
4587D2



5E6869



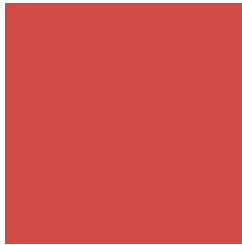
00A2A8



002729

Previews

White Background



This preview shows how the Hex color D24A45 looks on a white background.

Color Contrast Check

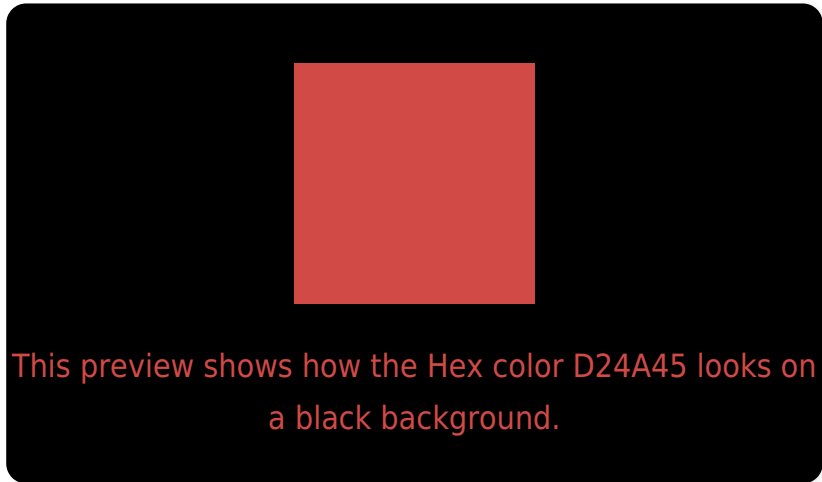
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 D24A45 Background



This preview shows how black text looks on a background with the Hex color D24A45.

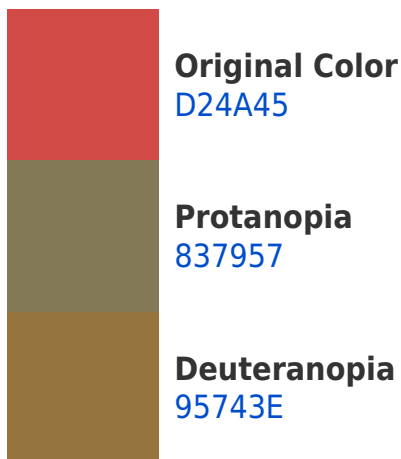



This preview shows how white text looks on a background with the Hex color D24A45.

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
D2494D

Trichromacy



Original Color
D24A45

Protanomaly
A06850

Deuteranomaly
AB6541

Tritanomaly
D2494A

Monochromacy



Original Color
D24A45

Achromatopsia
727272

Achromatomaly
956362

CSS Examples

Text

The CSS property to change the color of the text to Hex D24A45 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 #D24A45 looks like.

```
.text, #text, p{  
    color:#D24A45  
}
```

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 #D24A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24A45
}
```

Border

The CSS property to change the border of an element to Hex D24A45 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
#D24A45 }
```

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

```
.border{ border-color:#D24A45 }
```

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

Here you see how a box with a 4 pixel #D24A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24A45; -webkit-box-shadow:4px 4px  
4px 4px #D24A45; box-shadow:4px 4px 4px  
4px #D24A45 }
```

Background

The CSS property to change the background color of an element to Hex D24A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24A45 }
```

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

```
.background{ background-color:#D24A45 }
```

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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