

Converting Colors

Hex(DA3526)

Have a look what the booklet for
Hex(DA3526) contains.

Hex(DA3526)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DA3526)

Conversions

Conversions Part 1

Format	Color
Hex	DA3526
RGB	218, 53, 38
RGB Percent	85%, 21%, 15%
CMY	0.1451, 0.7922, 0.8510
CMYK	0.00, 0.76, 0.83, 0.15
HSL	5°, 71%, 50%
HSV	5°, 83%, 85%
XYZ	30.5364, 17.5916, 3.6198
YIQ	100.6250, 103.1550, 30.3150

Conversions

Conversions Part 2

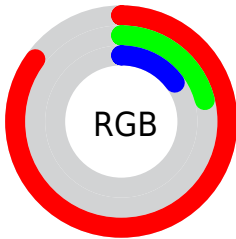
Format	Color
RYB	218, 54, 38
Decimal	14300454
CIELab	49.00, 62.29, 47.75
CIELCh	49, 78.489, 37.476
Yxy	17.5916, 0.5901, 0.3399
Android (android.graphics.Color)	4292490534 (0xFFDA3526)
YUV	100.6250, -30.8741, 102.9379
Hunter-Lab	41.9423, 56.5592, 24.2427

Details

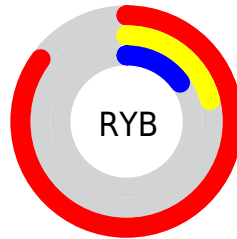
The Hex color **DA3526** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **26CBDA**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7055**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DA2110**, and if you desaturate by 10%, it is **DA493C**.

Distribution



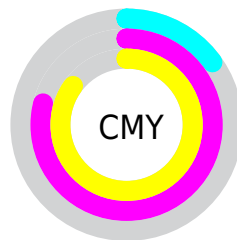
- Red (85%)
- Green (21%)
- Blue (15%)



- Red (85%)
- Yellow (21%)
- Blue (15%)



- Cyan (0%)
- Magenta (76%)
- Yellow (83%)
- Black (15%)



- Cyan (15%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA3526 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 DA3526 by changing the saturation by 10% instead.

 DA3526

 DA3526

FFFFFF

 BA090F

 FF7055

 9A0000

 FF8D6E

 7B0000

 FFA988

 5B0000

 FFC6A3

 3F0003

 FFE4BE

 1C0001

 FFFFDA

 000000

 FFFFF7

 DA3526

 DA3526

 DA2110

 DA493C

 DA1200

 DA5D52

 DA7167

 DA857D

 DA9993

 DAADA9

 DAC1BF

 DAD5D4

 DAE9EA

Harmonies

Analogous

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



E60067



DA3526



B55D00

Triad

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



DA3526



008D3D



0078FA

Complementary

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



DA3526



26CBDA

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.



0089F0



DA3526



009084

Square

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



DA3526



318600



0090C5



8659DF

Rectangle

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



DA3526



937000



0090C5



007FFB

Sweetspot

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



DA3526



FFC5BF



DA26CB



805C59



000000



808080

Same Dimension

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



DA3526



FF1803



DA8F26



6E6463



AD0E00



2E0400

Inverse Universe

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



26CBDA



03EAFF



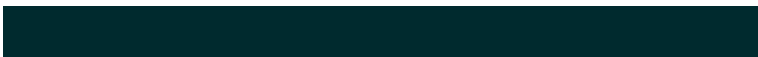
2671DA



636D6E



009FAD



002A2E

Previews

White Background



This preview shows how the Hex color DA3526 looks on a white background.

Color Contrast Check

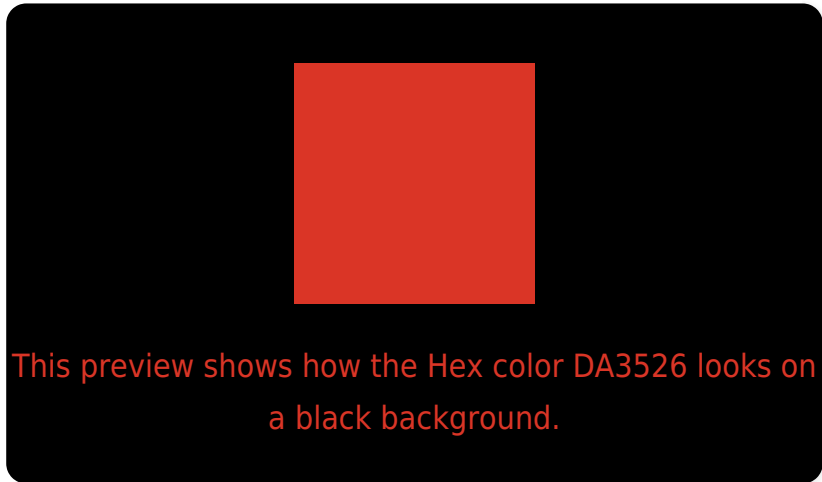
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA3526 Background



This preview shows how black text looks on a background with the Hex color DA3526.



This preview shows how white text looks on a background with the Hex color DA3526.

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

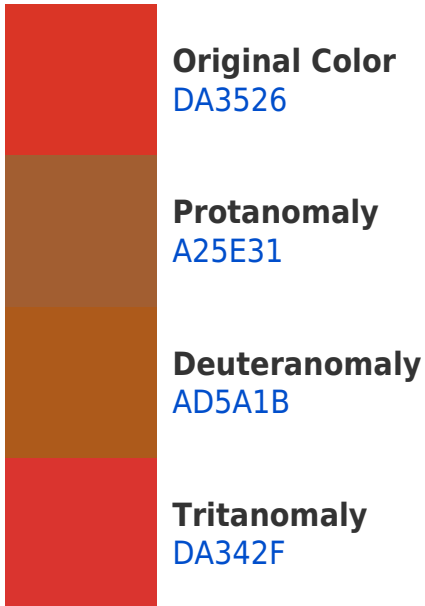


Original Color
DA3526

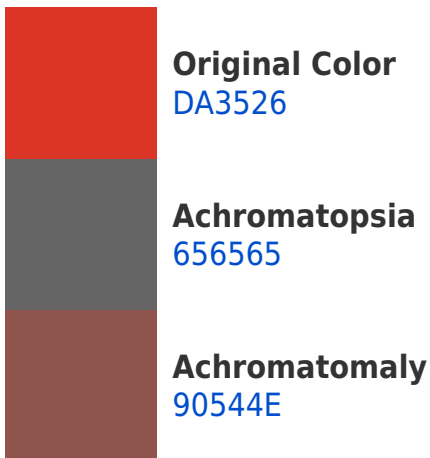
Protanopia
827537

Deuteranopia
946F14

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA3526 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 #DA3526 looks like.

```
.text, #text, p{  
    color:#DA3526  
}
```

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 #DA3526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA3526
}
```

Border

The CSS property to change the border of an element to Hex DA3526 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".

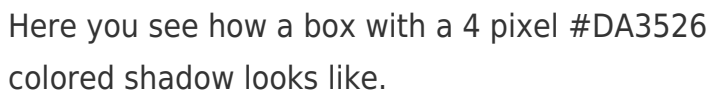
```
.border, #border, table{ border:4px solid
#DA3526 }
```

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

```
.border{ border-color:#DA3526 }
```

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

Here you see how a box with a 4 pixel #DA3526 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA3526; -webkit-box-shadow:4px 4px  
4px 4px #DA3526; box-shadow:4px 4px 4px  
4px #DA3526 }
```

Background

The CSS property to change the background color of an element to Hex DA3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA3526 }
```

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

```
.background{ background-color:#DA3526 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor