

Converting Colors

Hex(DC8536)

Have a look what the booklet for
Hex(DC8536) contains.

Hex(DC8536)	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(DC8536)

Conversions

Conversions Part 1

Format	Color
Hex	DC8536
RGB	220, 133, 54
RGB Percent	86%, 52%, 21%
CMY	0.1373, 0.4784, 0.7882
CMYK	0.00, 0.40, 0.75, 0.14
HSL	29°, 70%, 54%
HSV	29°, 75%, 86%
XYZ	38.5686, 32.2570, 7.6835
YIQ	150.0070, 77.2110, -6.1250

Conversions

Conversions Part 2

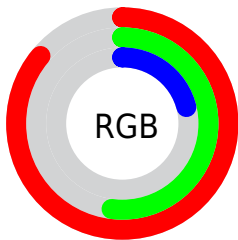
Format	Color
R _{YB}	220, 205, 54
Decimal	14452022
CIE Lab	63.55, 27.26, 54.52
CIE LCh	64, 60.953, 63.432
Yxy	32.2570, 0.4913, 0.4109
Android (android.graphics.Color)	4292642102 (0xFFDC8536)
YUV	150.0070, -47.3315, 61.3839
Hunter-Lab	56.7953, 21.8242, 31.7357

Details

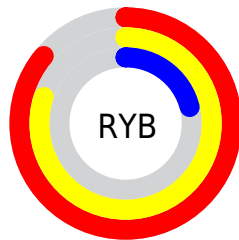
The Hex color **DC8536** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle muted orange. A complement of this color would be **368DDC**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBB69**, and **9F5300** is the 20% darker color. If you saturate the color by 10%, you get **DC7920**, and if you desaturate by 10%, it is **DC914C**.

Distribution



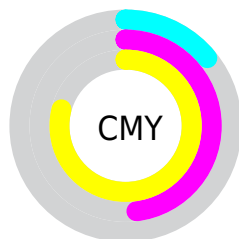
- Red (86%)
- Green (52%)
- Blue (21%)



- Red (86%)
- Yellow (80%)
- Blue (21%)



- Cyan (0%)
- Magenta (40%)
- Yellow (75%)
- Black (14%)



- Cyan (14%)
- Magenta (48%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC8536 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 DC8536 by changing the saturation by 10% instead.

 DC8536

 DC8536

FFFFFF

 BD6B1B

 FFBB69

 9F5300

 FFD684

 823B00

 FFF39F

 652400

 FFFFBA

 490C00

 FFFFD7

 2F0000

 FFFFF4

 000000

 DC8536

 DC8536

 DC7920

 DC914C

 DC6E0A

 DC9C62

 DC6900

 DCA878

 DCB38E

 DCBFA4

 DCCABA

 DCD6D0

 DCE1E6

 DCEDFC

Harmonies

Analogous

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



F77061



DC8536



B09920

Triad

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



DC8536



00B49F



A389F5

Complementary

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



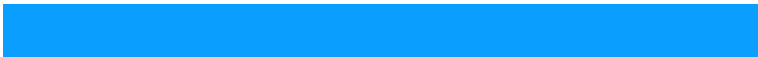
DC8536



368DDC

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.



0A9EFF



DC8536



00B3D4

Square

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



DC8536



10B067



00ACFB



E172CB

Rectangle

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



DC8536



8DA42C



00ACFB



8591FE

Sweetspot

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



DC8536



FFE0C4



DC368F



806D5C



000000



808080

Same Dimension

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



DC8536



FF8517



DCD636



6E6863



AD5300



2E1600

Inverse Universe

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



368DDC



1791FF



363CDC



63686E



005BAD



00182E

Previews

White Background



This preview shows how the Hex color DC8536 looks on a white background.

Color Contrast Check

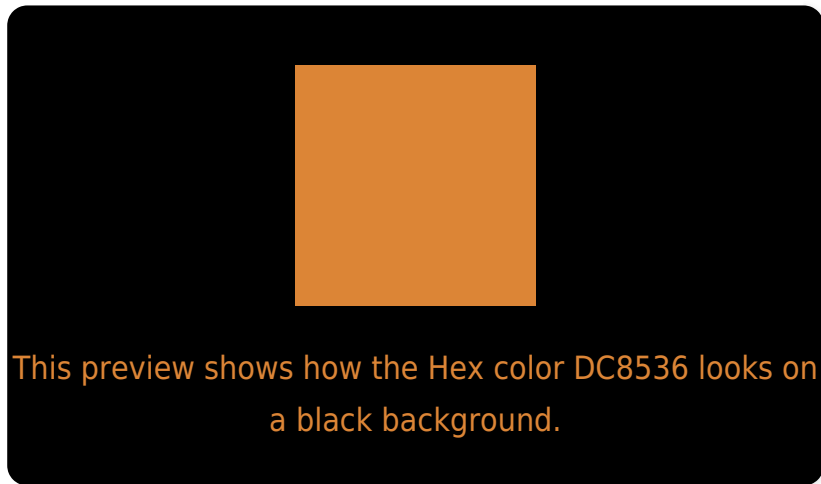
Large Text (above 18pt) WCAG AA × Fail

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

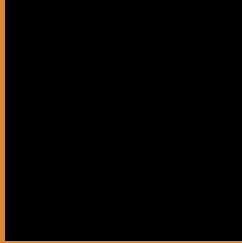
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex DC8536 Background



This preview shows how black text looks on a background with the Hex color DC8536.



This preview shows how white text looks on a background with the Hex color DC8536.

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
DC8536

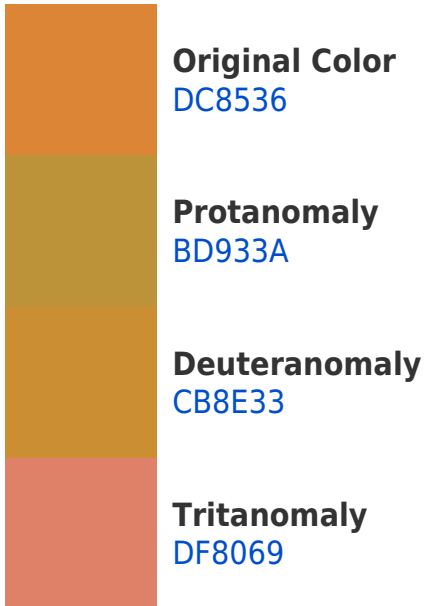
Protanopia
AC9B3C

Deuteranopia
C19332



Tritanopia
E07D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC8536 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 #DC8536 looks like.

```
.text, #text, p{  
    color:#DC8536  
}
```

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 #DC8536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8536
}
```

Border

The CSS property to change the border of an element to Hex DC8536 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
#DC8536 }
```

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

```
.border{ border-color:#DC8536 }
```

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

Here you see how a box with a 4 pixel #DC8536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8536; -webkit-box-shadow:4px 4px  
4px 4px #DC8536; box-shadow:4px 4px 4px  
4px #DC8536 }
```

Background

The CSS property to change the background color of an element to Hex DC8536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8536 }
```

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

```
.background{ background-color:#DC8536 }
```

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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