

Converting Colors

Hex(DD6137)

Have a look what the booklet for
Hex(DD6137) contains.

Hex(DD6137)	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(DD6137)

Conversions

Conversions Part 1

Format	Color
Hex	DD6137
RGB	221, 97, 55
RGB Percent	87%, 38%, 22%
CMY	0.1333, 0.6196, 0.7843
CMYK	0.00, 0.56, 0.75, 0.13
HSL	15°, 71%, 54%
HSV	15°, 75%, 87%
XYZ	34.7831, 24.1974, 6.4517
YIQ	129.2880, 87.3860, 13.2260

Conversions

Conversions Part 2

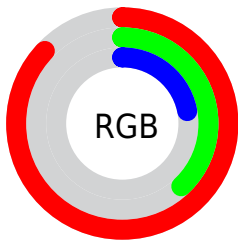
Format	Color
R_{YB}	221, 111, 55
Decimal	14508343
CIE Lab	56.28, 46.07, 46.66
CIE LCh	56, 65.568, 45.365
Yxy	24.1974, 0.5316, 0.3698
Android (android.graphics.Color)	4292698423 (0xFFDD6137)
YUV	129.2880, -36.6240, 80.4314
Hunter-Lab	49.1908, 40.1343, 26.6573

Details

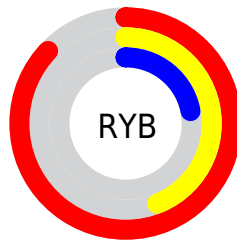
The Hex color **DD6137** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **37B3DD**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9768**, and **9F2C05** is the 20% darker color. If you saturate the color by 10%, you get **DD5021**, and if you desaturate by 10%, it is **DD724D**.

Distribution



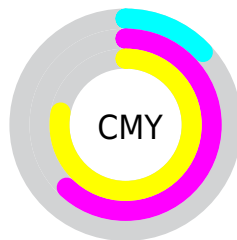
- Red (87%)
- Green (38%)
- Blue (22%)



- Red (87%)
- Yellow (44%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (13%)



- Cyan (13%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD6137 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 DD6137 by changing the saturation by 10% instead.

 DD6137

 DD6137

FFFFFF

 BE471F

 FF9768

 9F2C05

 FF282

 810A00

 FFCF9C

 620000

 FFECB8

 450000

 FFFFD4

 2B0001

 FFFFF0

 000000

 DD6137

 DD6137

 DD5021

 DD724D

 DD400B

 DD8263

 DD3800

 DD9379

 DDA38F

 DDB4A6

 DDC4BC

 DDD5D2

 DDE5E8

 DDF6FE

Harmonies

Analogous

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



EC4C6C



DD6137



B97A00

Triad

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



DD6137



009F68



4284F6

Complementary

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



DD6137



37B3DD

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.



0095F6



DD6137



00A1A4

Square

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



DD6137



41992F



009FD7



AE6AD8

Rectangle

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



DD6137



988800



009FD7



008BF9

Sweetspot

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



DD6137



FFD3C4



DD37B4



80655C



000000



808080

Same Dimension

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



DD6137



FF5419



DDB437



6E6563



AD2C00



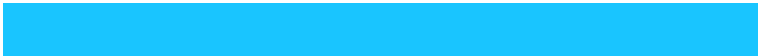
2E0C00

Inverse Universe

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



37B3DD



19C5FF



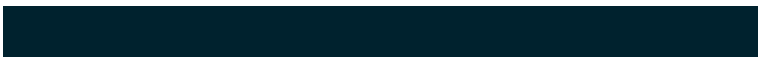
3761DD



636B6E



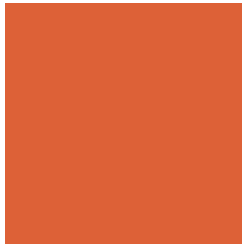
0082AD



00222E

Previews

White Background



This preview shows how the Hex color DD6137 looks on a white background.

Color Contrast Check

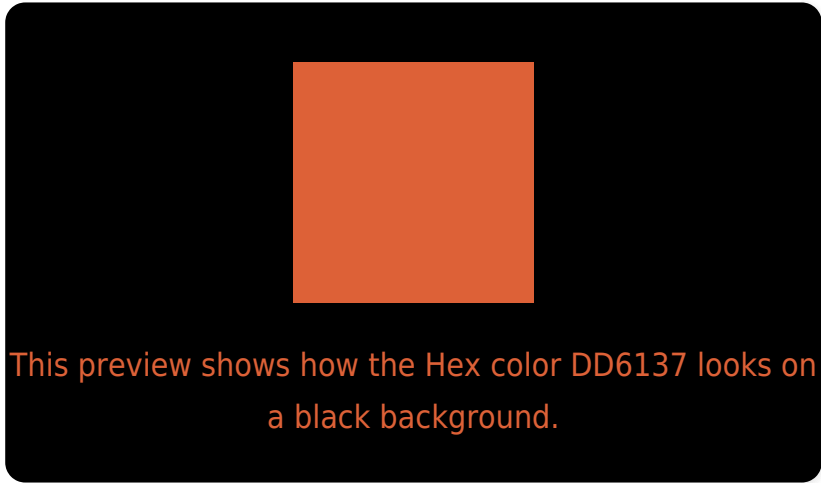
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD6137 Background



This preview shows how black text looks on a background with the Hex color DD6137.



This preview shows how white text looks on a background with the Hex color DD6137.

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
DD6137

Protanopia
968843

Deuteranopia
A9812F

Trichromacy



Original Color
DD6137

Protanomaly
B07A3F

Deuteranomaly
BC7532

Tritanomaly
DE5E52

Monochromacy



Original Color
DD6137

Achromatopsia
818181

Achromatomaly
A27566

CSS Examples

Text

The CSS property to change the color of the text to Hex DD6137 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 #DD6137 looks like.

```
.text, #text, p{  
    color:#DD6137  
}
```

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 #DD6137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD6137
}
```

Border

The CSS property to change the border of an element to Hex DD6137 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
#DD6137 }
```

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

```
.border{ border-color:#DD6137 }
```

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

Here you see how a box with a 4 pixel #DD6137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD6137; -webkit-box-shadow:4px 4px  
4px 4px #DD6137; box-shadow:4px 4px 4px  
4px #DD6137 }
```

Background

The CSS property to change the background color of an element to Hex DD6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD6137 }
```

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

```
.background{ background-color:#DD6137 }
```

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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