

Converting Colors

Hex(D56136)

Have a look what the booklet for
Hex(D56136) contains.

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Color

Hex(D56136)

Conversions

Conversions Part 1

Format	Color
Hex	D56136
RGB	213, 97, 54
RGB Percent	84%, 38%, 21%
CMY	0.1647, 0.6196, 0.7882
CMYK	0.00, 0.54, 0.75, 0.16
HSL	16°, 65%, 52%
HSV	16°, 75%, 84%
XYZ	32.3811, 22.9619, 6.2154
YIQ	126.7820, 82.9390, 11.2190

Conversions

Conversions Part 2

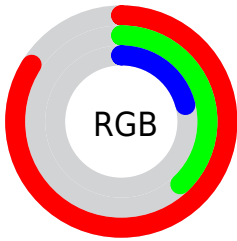
Format	Color
R _Y B	213, 113, 54
Decimal	13984054
CIE Lab	55.03, 43.03, 45.46
CIE LCh	55, 62.601, 46.572
Yxy	22.9619, 0.5260, 0.3730
Android (android.graphics.Color)	4292174134 (0xFFD56136)
YUV	126.7820, -35.8815, 75.6132
Hunter-Lab	47.9185, 36.7646, 25.8526

Details

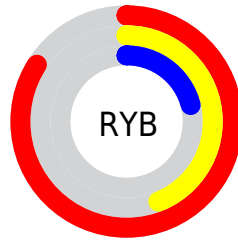
The Hex color **D56136** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **36AAD5**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9667**, and **982D05** is the 20% darker color. If you saturate the color by 10%, you get **D55121**, and if you desaturate by 10%, it is **D5714B**.

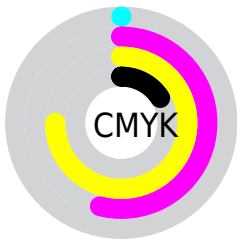
Distribution



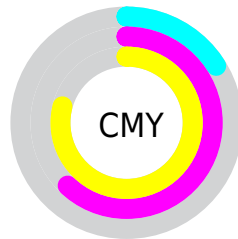
- Red (84%)
- Green (38%)
- Blue (21%)



- Red (84%)
- Yellow (44%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (75%)
- Black (16%)



- Cyan (16%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D56136 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 D56136 by changing the saturation by 10% instead.

 D56136

 D56136

FFFFFF

 B6471E

 FF9667

 982D05

 FF281

 7A0F00

 FFCE9B

 5C0000

 FFE6B6

 3F0000

 FFFFD2

 230001

 FFFFEE

 000000

 D56136

 D56136

 D55121

 D5714B

 D5420B

 D58061

 D53A00

 D59076

 D59F8B

 D5AFA1

 D5BEB6

 D5CECB

 D5DDE0

 D5EDF6

Harmonies

Analogous

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



E44E68



D56136



B27802

Triad

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



D56136



009B69



4C80EC

Complementary

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



D56136



36AAD5

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.



0091ED



D56136



009DA1

Square

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



D56136



3F9633



009AD2



AC67CF

Rectangle

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



D56136



938500



009AD2



0086F0

Sweetspot

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



D56136



FFD6C7



D536AB



80675E



000000



808080

Same Dimension

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



D56136



FF5819



D5B036



6B6360



AB2E00



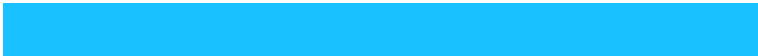
2B0C00

Inverse Universe

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



36AAD5



19C1FF



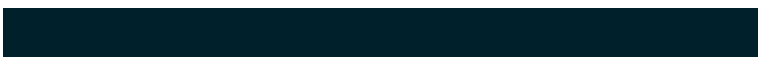
365BD5



60686B



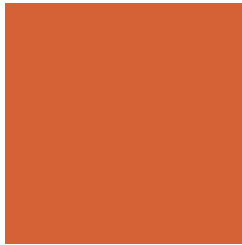
007DAB



00202B

Previews

White Background



This preview shows how the Hex color D56136 looks on a white background.

Color Contrast Check

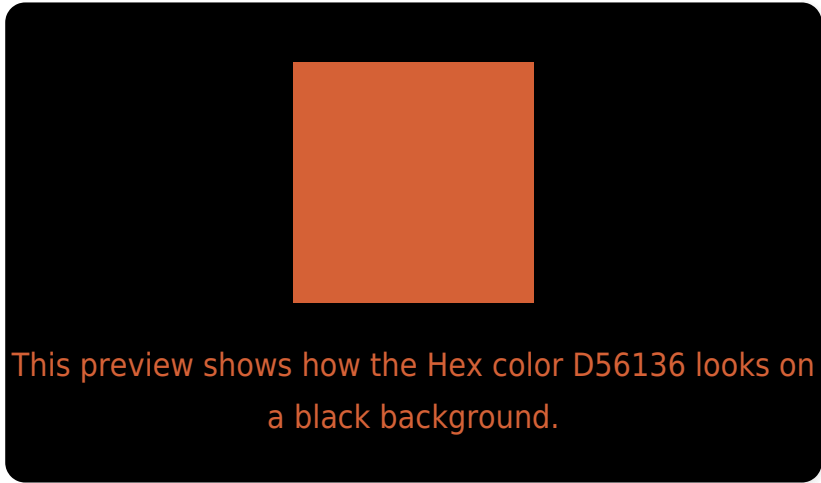
Large Text (above 18pt) WCAG AA ✓ Pass

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 D56136 Background



This preview shows how black text looks on a background with the Hex color D56136.



This preview shows how white text looks on a background with the Hex color D56136.

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
D56136

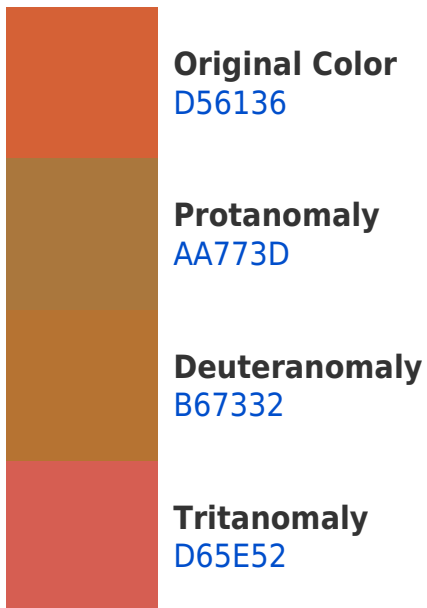
Protanopia
928441

Deuteranopia
A57E2F

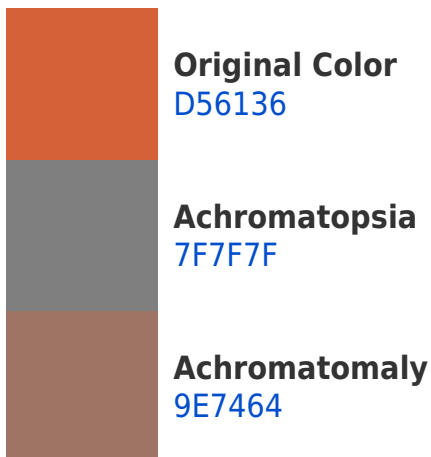


Tritanopia
D75C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D56136 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 #D56136 looks like.

```
.text, #text, p{  
    color:#D56136  
}
```

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 #D56136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56136
}
```

Border

The CSS property to change the border of an element to Hex D56136 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
#D56136 }
```

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

```
.border{ border-color:#D56136 }
```

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

Here you see how a box with a 4 pixel #D56136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56136; -webkit-box-shadow:4px 4px  
4px 4px #D56136; box-shadow:4px 4px 4px  
4px #D56136 }
```

Background

The CSS property to change the background color of an element to Hex D56136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56136 }
```

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

```
.background{ background-color:#D56136 }
```

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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