

Converting Colors

Hex(D37507)

Have a look what the booklet for
Hex(D37507) contains.

Hex(D37507)	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(D37507)

Conversions

Conversions Part 1

Format	Color
Hex	D37507
RGB	211, 117, 7
RGB Percent	83%, 46%, 3%
CMY	0.1725, 0.5412, 0.9725
CMYK	0.00, 0.45, 0.97, 0.17
HSL	32°, 94%, 43%
HSV	32°, 97%, 83%
XYZ	33.2636, 26.5868, 3.5796
YIQ	132.5660, 91.3340, -14.2820

Conversions

Conversions Part 2

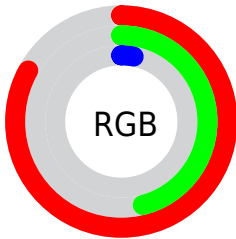
Format	Color
RYB	181, 211, 7
Decimal	13858055
CIELab	58.59, 30.85, 64.53
CIElCh	59, 71.527, 64.452
Yxy	26.5868, 0.5244, 0.4192
Android (android.graphics.Color)	4292048135 (0xFFD37507)
YUV	132.5660, -61.9040, 68.7866
Hunter-Lab	51.5624, 24.9186, 31.9776

Details

The Hex color **D37507** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0765D3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFAA47**, and **964300** is the 20% darker color. If you saturate the color by 10%, you get **D37200**, and if you desaturate by 10%, it is **D37F1C**.

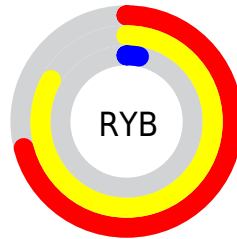
Distribution



Red (83%)

Green (46%)

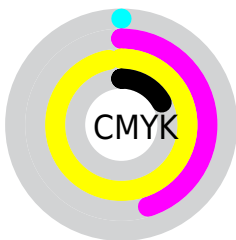
Blue (3%)



Red (71%)

Yellow (83%)

Blue (3%)

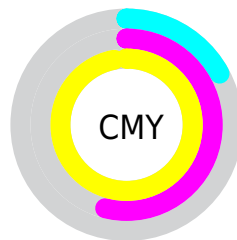


Cyan (0%)

Magenta (45%)

Yellow (97%)

Black (17%)



Cyan (17%)

Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color D37507 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 D37507 by changing the saturation by 10% instead.

 D37507

 D37507

FFFFFF

 B45C00

 FFAA47

 964300

 FFC562

 772C00

 FFE27C

 5A1400

 FFFE98

 3E0000

 FFFFB4

 260001

 FFFFD0

 000000

 FFFFED

 D37507

 D37507

 D37200

 D37F1C

 D38831

 D39246

 D39C5B

 D3A671

 D3AF86

 D3B99B

 D3C3B0

 D3CDC5

Harmonies

Analogous

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



F4584A



D37507



A18D00

Triad

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



D37507



00A995



9878F5

Complementary

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



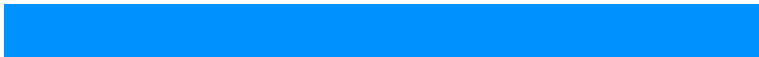
D37507



0765D3

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.



0092FF



D37507



00A8D3

Square

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



D37507



00A653



00A1FE



DE58C4

Rectangle

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



D37507



789900



00A1FE



7181FF

Sweetspot

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



D37507



FFDDB5



D30766



806B53



000000



808080

Same Dimension

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



D37507



FF8A00



CCD307



69645E



A85B00



291600

Inverse Universe

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



0765D3



0076FF



0E07D3



5E6369



004EA8



001329

Previews

White Background



This preview shows how the Hex color D37507 looks on a white background.

Color Contrast Check

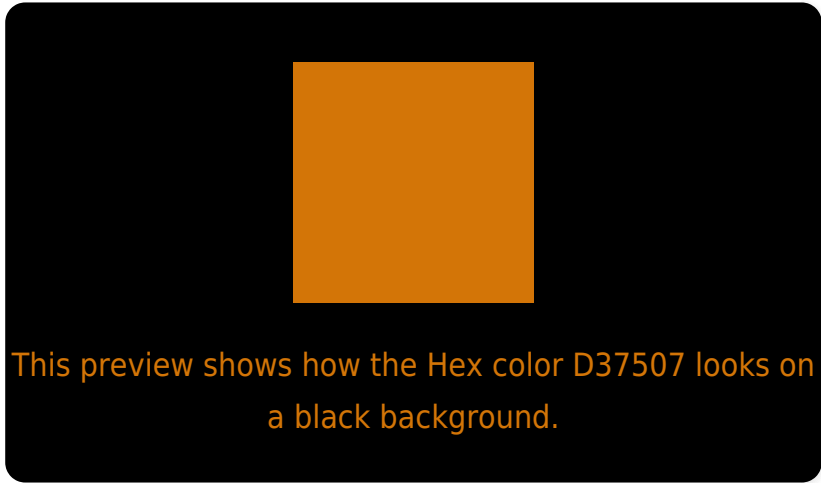
Large Text (above 18pt) WCAG AA ✓ Pass

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 D37507 Background



This preview shows how black text looks on a background with the Hex color D37507.



This preview shows how white text looks on a background with the Hex color D37507.

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
D37507

Protanopia
9F8E12

Deuteranopia
B38600

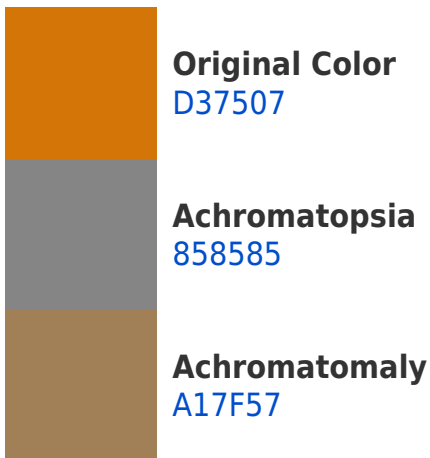


Tritanopia
D76D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D37507 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 #D37507 looks like.

```
.text, #text, p{  
  color:#D37507  
}
```

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 #D37507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37507
}
```

Border

The CSS property to change the border of an element to Hex D37507 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
#D37507 }
```

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

```
.border{ border-color:#D37507 }
```

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

Here you see how a box with a 4 pixel #D37507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37507; -webkit-box-shadow:4px 4px  
4px 4px #D37507; box-shadow:4px 4px 4px  
4px #D37507 }
```

Background

The CSS property to change the background color of an element to Hex D37507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37507 }
```

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

```
.background{ background-color:#D37507 }
```

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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