

Converting Colors

Hex(DD6321)

Have a look what the booklet for
Hex(DD6321) contains.

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Color

Hex(DD6321)

Conversions

Conversions Part 1

Format	Color
Hex	DD6321
RGB	221, 99, 33
RGB Percent	87%, 39%, 13%
CMY	0.1333, 0.6118, 0.8706
CMYK	0.00, 0.55, 0.85, 0.13
HSL	21°, 74%, 50%
HSV	21°, 85%, 87%
XYZ	34.5551, 24.4056, 4.3283
YIQ	127.9540, 93.8980, 5.3380

Conversions

Conversions Part 2

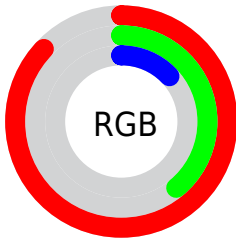
Format	Color
R_{YB}	221, 135, 33
Decimal	14508833
CIE _{Lab}	56.49, 44.39, 56.73
CIE _{LCh}	56, 72.034, 51.955
Yxy	24.4056, 0.5460, 0.3856
Android (android.graphics.Color)	4292698913 (0xFFDD6321)
YUV	127.9540, -46.8123, 81.6013
Hunter-Lab	49.4021, 38.4014, 29.3868

Details

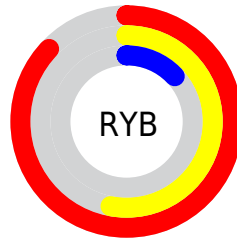
The Hex color **DD6321** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **219BDD**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9854**, and **9E2F00** is the 20% darker color. If you saturate the color by 10%, you get **DD550B**, and if you desaturate by 10%, it is **DD7137**.

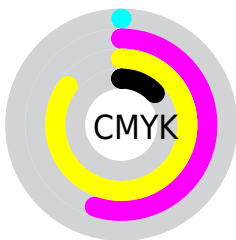
Distribution



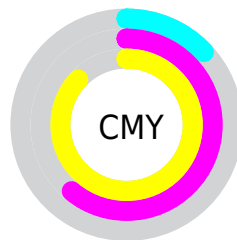
- Red (87%)
- Green (39%)
- Blue (13%)



- Red (87%)
- Yellow (53%)
- Blue (13%)



- Cyan (0%)
- Magenta (55%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (61%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD6321 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 DD6321 by changing the saturation by 10% instead.

 DD6321

 DD6321

FFFFFF

 BD4901

 FF9854

 9E2F00

 FFB46E

 801100

 FFD089

 610000

 FFEDA4

 440000

 FFFFBF

 2A0001

 FFFFDC

 000000

 FFFFF9

 DD6321

 DD6321

 DD550B

 DD7137

 DD4E00

 DD804D

 DD8E63

 DD9C79

 DDAB90

 DDB9A6

 DDC7BC

 DDD6D2

 DDE4E8

Harmonies

Analogous

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



F4465D



DD6321



B17F00

Triad

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



DD6321



00A274



5D7EFD

Complementary

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



DD6321



219BDD

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.



0094FF



DD6321



00A3B5

Square

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



DD6321



059D33



00A0EA



C15FD6

Rectangle

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



DD6321



8C8D00



00A0EA



0087FF

Sweetspot

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



DD6321



FFD4BD



DD219B



806658



000000



808080

Same Dimension

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



DD6321



FF5A00



DDC121



6E6763



AD3D00



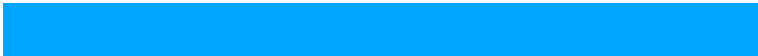
2E1000

Inverse Universe

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



219BDD



00A5FF



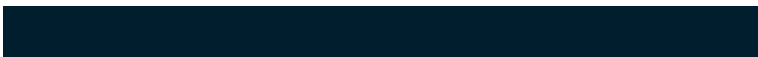
213DDD



636A6E



0071AD



001E2E

Previews

White Background



This preview shows how the Hex color DD6321 looks on a white background.

Color Contrast Check

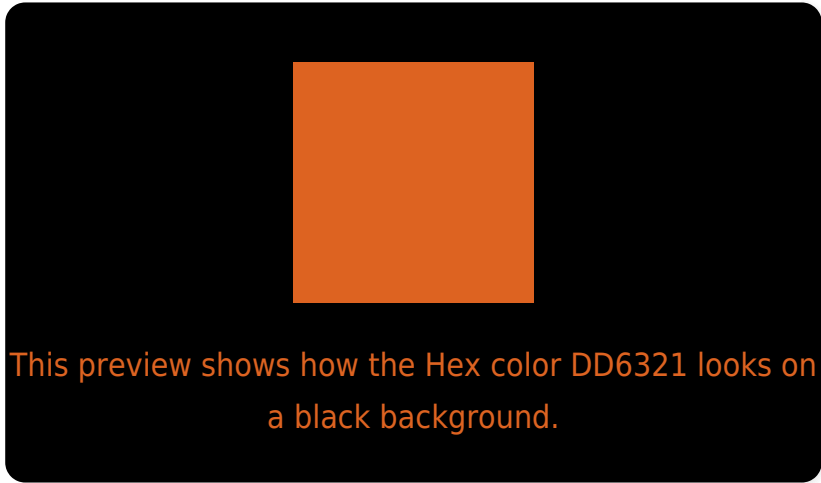
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD6321 Background



This preview shows how black text looks on a background with the Hex color DD6321.

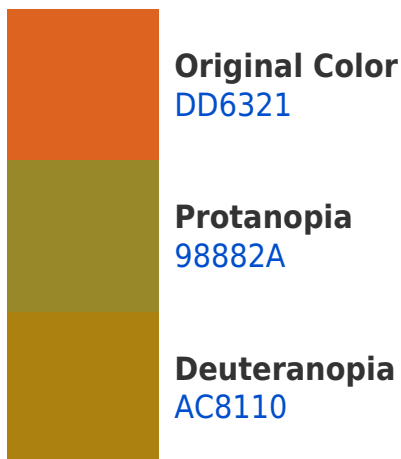


This preview shows how white text looks on a background with the Hex color DD6321.

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](#).

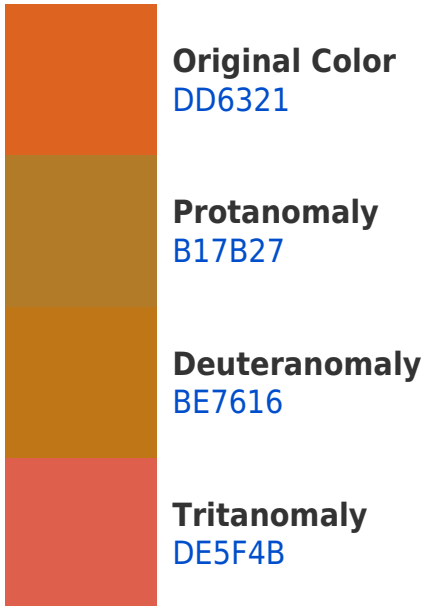
Dichromacy





Tritanopia
DF5D63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD6321 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 #DD6321 looks like.

```
.text, #text, p{  
    color:#DD6321  
}
```

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 #DD6321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD6321
}
```

Border

The CSS property to change the border of an element to Hex DD6321 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
#DD6321 }
```

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

```
.border{ border-color:#DD6321 }
```

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

Here you see how a box with a 4 pixel #DD6321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD6321; -webkit-box-shadow:4px 4px  
4px 4px #DD6321; box-shadow:4px 4px 4px  
4px #DD6321 }
```

Background

The CSS property to change the background color of an element to Hex DD6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD6321 }
```

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

```
.background{ background-color:#DD6321 }
```

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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