

Converting Colors

Hex(DE6B29)

Have a look what the booklet for
Hex(DE6B29) contains.

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Color

Hex(DE6B29)

Conversions

Conversions Part 1

Format	Color
Hex	DE6B29
RGB	222, 107, 41
RGB Percent	87%, 42%, 16%
CMY	0.1294, 0.5804, 0.8392
CMYK	0.00, 0.52, 0.82, 0.13
HSL	22°, 73%, 52%
HSV	22°, 82%, 87%
XYZ	35.7821, 26.2051, 5.2700
YIQ	133.8610, 89.7260, 3.8540

Conversions

Conversions Part 2

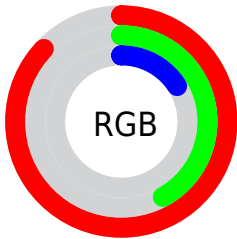
Format	Color
R _Y B	222, 145, 41
Decimal	14576425
CIE Lab	58.23, 41.07, 55.10
CIE LCh	58, 68.721, 53.299
Yxy	26.2051, 0.5320, 0.3896
Android (android.graphics.Color)	4292766505 (0xFFDE6B29)
YUV	133.8610, -45.7805, 77.2979
Hunter-Lab	51.1909, 35.1864, 29.7299

Details

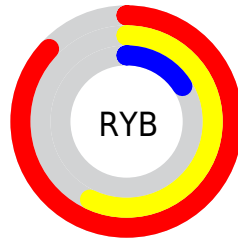
The Hex color **DE6B29** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **299CDE**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA05C**, and **A03800** is the 20% darker color. If you saturate the color by 10%, you get **DE5D13**, and if you desaturate by 10%, it is **DE793F**.

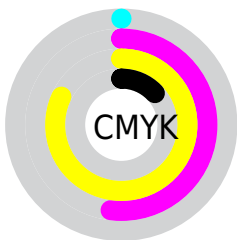
Distribution



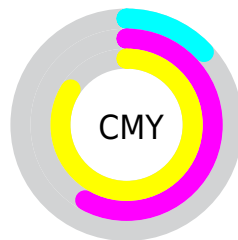
- Red (87%)
- Green (42%)
- Blue (16%)



- Red (87%)
- Yellow (57%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (82%)
- Black (13%)



- Cyan (13%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE6B29 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 DE6B29 by changing the saturation by 10% instead.

 DE6B29

 DE6B29


FFFFFF

 BF510C

 FFA05C

 A03800

 FFBC76

 811D00

 FFD890

 630000

 FFF5AB

 460000

 FFFFC7

 2D0001

 FFFFE4

 000000

 DE6B29

 DE6B29

 DE5D13

 DE793F

 DE5100

 DE8755

 DE956C

 DEA382

 DEB298

 DEC0AE

 DECEC4

 DEDCDB

 DEEAF1

Harmonies

Analogous

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



F55160



DE6B29



B38500

Triad

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



DE6B29



00A67C



6D82FB

Complementary

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



DE6B29



299CDE

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.



0097FF



DE6B29



00A7BA

Square

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



DE6B29



1AA13E



00A3EC



C765D5

Rectangle

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



DE6B29



8F9200



00A3EC



2E8AFF

Sweetspot

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



DE6B29



FFD8C2



DE299F



80685B



000000



808080

Same Dimension

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



DE6B29



FF6005



DEC329



706965



B04000



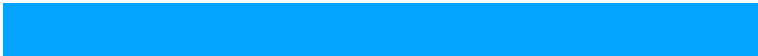
301200

Inverse Universe

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



299CDE



05A4FF



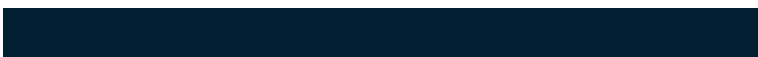
2944DE



656C70



0070B0



001F30

Previews

White Background



This preview shows how the Hex color DE6B29 looks on a white background.

Color Contrast Check

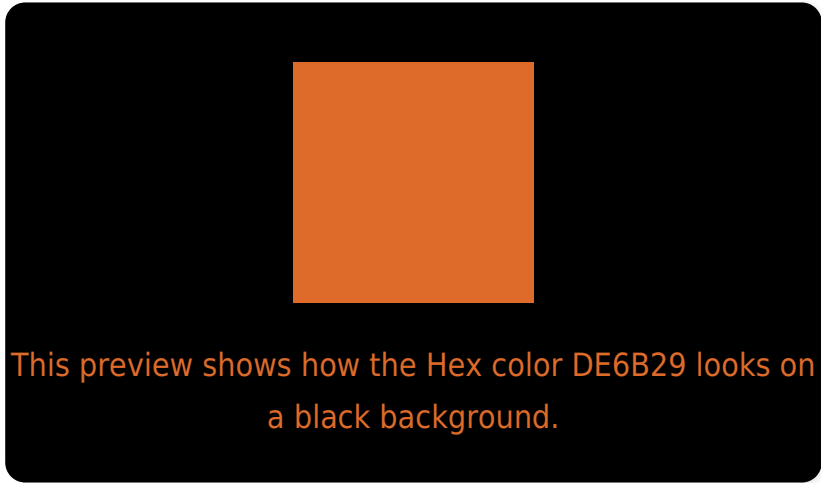
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE6B29 Background



This preview shows how black text looks on a background with the Hex color DE6B29.

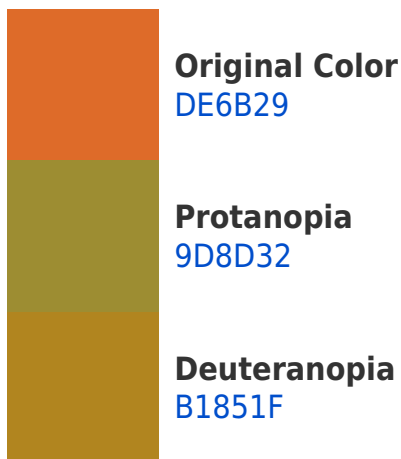


This preview shows how white text looks on a background with the Hex color DE6B29.

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](#).

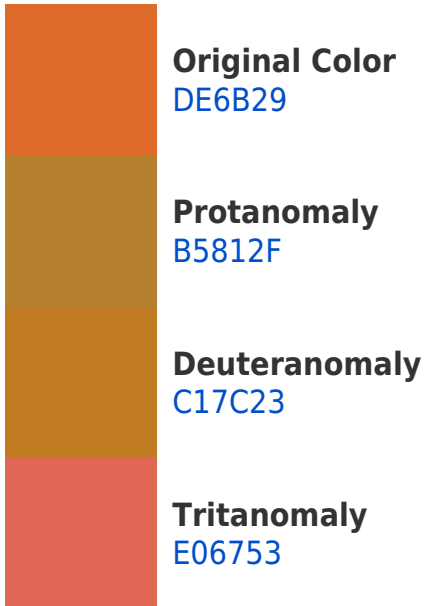
Dichromacy



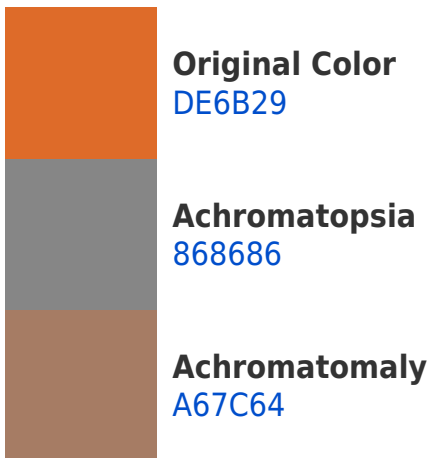


Tritanopia
E1646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE6B29 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 #DE6B29 looks like.

```
.text, #text, p{  
    color:#DE6B29  
}
```

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 #DE6B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6B29
}
```

Border

The CSS property to change the border of an element to Hex DE6B29 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
#DE6B29 }
```

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

```
.border{ border-color:#DE6B29 }
```

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

Here you see how a box with a 4 pixel #DE6B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6B29; -webkit-box-shadow:4px 4px  
4px 4px #DE6B29; box-shadow:4px 4px 4px  
4px #DE6B29 }
```

Background

The CSS property to change the background color of an element to Hex DE6B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6B29 }
```

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

```
.background{ background-color:#DE6B29 }
```

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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