

Converting Colors

Hex(D2790A)

Have a look what the booklet for
Hex(D2790A) contains.

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Color

Hex(D2790A)

Conversions

Conversions Part 1

Format	Color
Hex	D2790A
RGB	210, 121, 10
RGB Percent	82%, 47%, 4%
CMY	0.1765, 0.5255, 0.9608
CMYK	0.00, 0.42, 0.95, 0.18
HSL	33°, 91%, 43%
HSV	33°, 95%, 82%
XYZ	33.4705, 27.3983, 3.8115
YIQ	134.9570, 88.6750, -15.6530

Conversions

Conversions Part 2

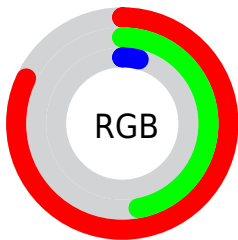
Format	Color
R_{YB}	170, 210, 10
Decimal	13793546
CIE Lab	59.34, 28.34, 64.47
CIE LCh	59, 70.427, 66.274
Yxy	27.3983, 0.5175, 0.4236
Android (android.graphics.Color)	4291983626 (0xFFD2790A)
YUV	134.9570, -61.6038, 65.8127
Hunter-Lab	52.3434, 22.5393, 32.3231

Details

The Hex color **D2790A** 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 **0A63D2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFAE49**, and **954700** is the 20% darker color. If you saturate the color by 10%, you get **D27500**, and if you desaturate by 10%, it is **D2821F**.

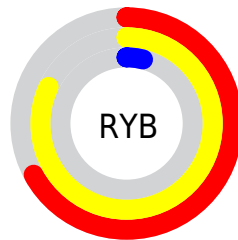
Distribution



Red (82%)

Green (47%)

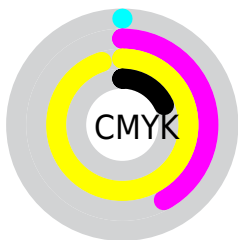
Blue (4%)



Red (67%)

Yellow (82%)

Blue (4%)

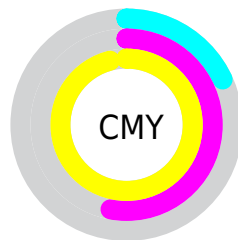


Cyan (0%)

Magenta (42%)

Yellow (95%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2790A 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 D2790A by changing the saturation by 10% instead.

 D2790A

 D2790A

FFFFFF

 B36000

 FFAE49

 954700

 FFC963

 773000

 FFE67E

 5A1900

 FFFF9A

 3E0100

 FFFFB6

 270001

 FFFFD2

 000000

 FFFFEE

 D2790A

 D2790A

 D27500

 D2821F

 D28C34

 D29549

 D29E5E

 D2A873

 D2B188

 D2BA9D

 D2C4B2

 D2CDC7

Harmonies

Analogous

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



F45D49



D2790A



A09000

Triad

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



D2790A



00AB9B



A078F4

Complementary

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



D2790A



0A63D2

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



D2790A



00AAD7

Square

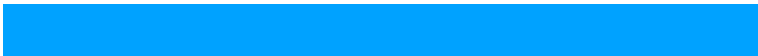
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D2790A



00A85A



00A2FF



E25AC2

Rectangle

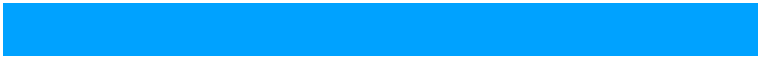
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2790A



769B00



00A2FF



7C82FF

Sweetspot

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



D2790A



FFDEB5



D20A64



806C53



000000



808080

Same Dimension

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



D2790A



FF8E00



C8D20A



69645E



A85D00



291700

Inverse Universe

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



0A63D2



0071FF



140AD2



5E6369



004BA8



001229

Previews

White Background



This preview shows how the Hex color D2790A looks on a white background.

Color Contrast Check

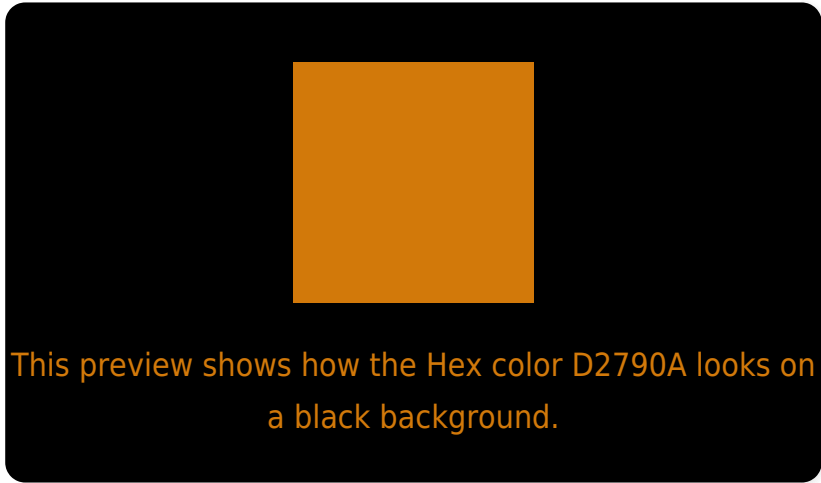
Large Text (above 18pt) WCAG AA ✓ Pass

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 D2790A Background



This preview shows how black text looks on a background with the Hex color D2790A.



This preview shows how white text looks on a background with the Hex color D2790A.

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
D2790A

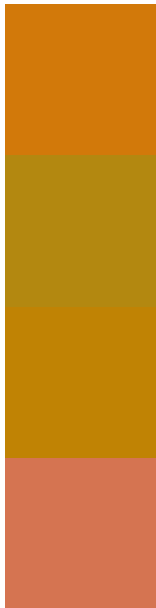
Protanopia
A29013

Deuteranopia
B58800



Tritanopia
D67179

Trichromacy



Original Color
D2790A

Protanomaly
B38810

Deuteranomaly
C08304

Tritanomaly
D57451

Monochromacy



Original Color
D2790A

Achromatopsia
878787

Achromatomaly
A2825A

CSS Examples

Text

The CSS property to change the color of the text to Hex D2790A 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 #D2790A looks like.

```
.text, #text, p{  
    color:#D2790A  
}
```

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 #D2790A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2790A
}
```

Border

The CSS property to change the border of an element to Hex D2790A 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
#D2790A }
```

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

```
.border{ border-color:#D2790A }
```

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

Here you see how a box with a 4 pixel #D2790A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2790A; -webkit-box-shadow:4px 4px  
4px 4px #D2790A; box-shadow:4px 4px 4px  
4px #D2790A }
```

Background

The CSS property to change the background color of an element to Hex D2790A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2790A }
```

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

```
.background{ background-color:#D2790A }
```

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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