

Converting Colors

Hex(CD7F20)

Have a look what the booklet for
Hex(CD7F20) contains.

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Color

Hex(CD7F20)

Conversions

Conversions Part 1

Format	Color
Hex	CD7F20
RGB	205, 127, 32
RGB Percent	80%, 50%, 13%
CMY	0.1961, 0.5020, 0.8745
CMYK	0.00, 0.38, 0.84, 0.20
HSL	33°, 73%, 46%
HSV	33°, 84%, 80%
XYZ	33.0269, 28.2622, 5.0809
YIQ	139.4920, 76.9830, -13.0090

Conversions

Conversions Part 2

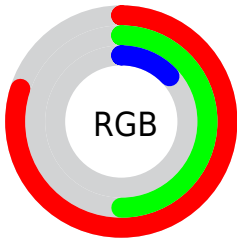
Format	Color
RYB	174, 205, 32
Decimal	13467424
CIELab	60.12, 23.39, 59.25
CIElCh	60, 63.697, 68.454
Yxy	28.2622, 0.4976, 0.4258
Android (android.graphics.Color)	4291657504 (0xFFCD7F20)
YUV	139.4920, -52.9936, 57.4505
Hunter-Lab	53.1622, 17.8591, 31.5469

Details

The Hex color **CD7F20** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **206ECD**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB456**, and **914D00** is the 20% darker color. If you saturate the color by 10%, you get **CD760C**, and if you desaturate by 10%, it is **CD8835**.

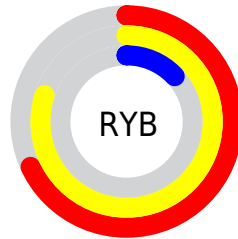
Distribution



Red (80%)

Green (50%)

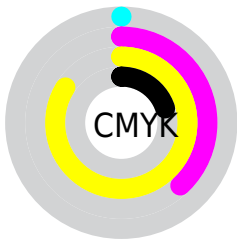
Blue (13%)



Red (68%)

Yellow (80%)

Blue (13%)

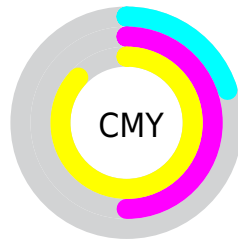


Cyan (0%)

Magenta (38%)

Yellow (84%)

Black (20%)



Cyan (20%)

Magenta (50%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD7F20 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 CD7F20 by changing the saturation by 10% instead.

 CD7F20

 CD7F20

FFFFFF

 AF6600

 FFB456

 914D00

 FFD070

 743600

 FFEC8B

 572000

 FFFFA7

 3B0A00

 FFFFC3

 250001

 FFFFDF

 000000

 FFFFFC

 CD7F20

 CD7F20

■ CD760C

■ CD8835

■ CD7100

■ CD9149

■ CD9B5E

■ CDA472

■ CDAD86

■ CDB69B

■ CDC0B0

■ CDC9C4

■ CDD2D9

Harmonies

Analogous

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



ED674E



CD7F20



9E9306

Triad

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



CD7F20



00ABA0



A77BE9

Complementary

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



CD7F20



206ECD

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.



2192FF



CD7F20



00AAD6

Square

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



CD7F20



00A865



00A2F9



E062BB

Rectangle

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



CD7F20



789D20



00A2F9



8A83F4

Sweetspot

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



CD7F20



FFE2BF



CD2071



806E59



000000



808080

Same Dimension

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



CD7F20



FF8C00



C7CD20



66615C



A65B00



261500

Inverse Universe

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



206ECD



0073FF



2620CD



5C6066



004BA6



001126

Previews

White Background



This preview shows how the Hex color CD7F20 looks on a white background.

Color Contrast Check

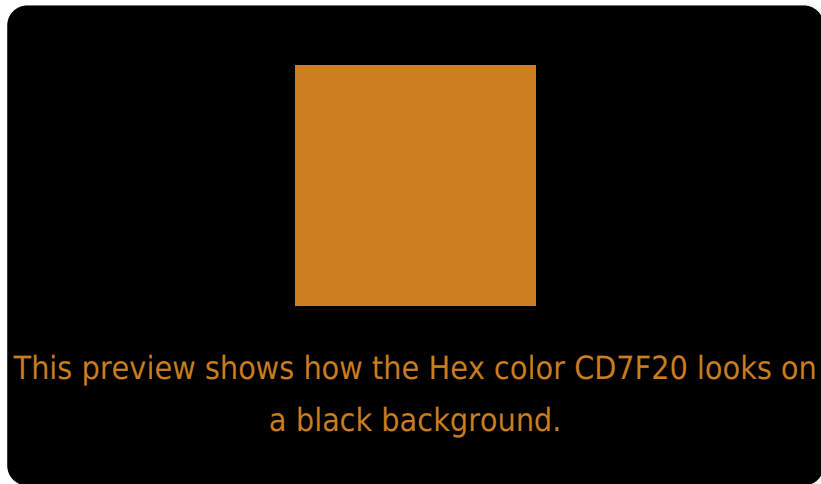
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD7F20 Background



This preview shows how black text looks on a background with the Hex color CD7F20.



This preview shows how white text looks on a background with the Hex color CD7F20.

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
CD7F20

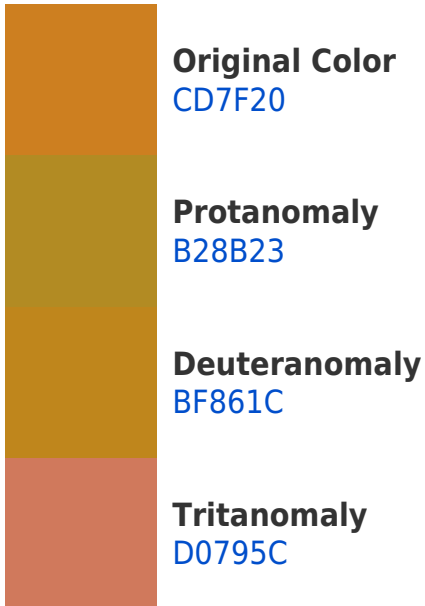
Protanopia
A39225

Deuteranopia
B78A1A



Tritanopia
D2767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD7F20 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 #CD7F20 looks like.

```
.text, #text, p{  
    color:#CD7F20  
}
```

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 #CD7F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7F20
}
```

Border

The CSS property to change the border of an element to Hex CD7F20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

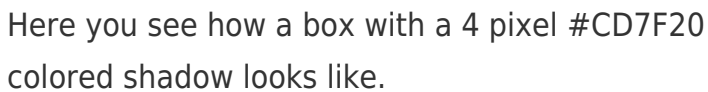
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD7F20 }
```

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

```
.border{ border-color:#CD7F20 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CD7F20 colored shadow looks like."

Here you see how a box with a 4 pixel #CD7F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7F20; -webkit-box-shadow:4px 4px  
4px 4px #CD7F20; box-shadow:4px 4px 4px  
4px #CD7F20 }
```

Background

The CSS property to change the background color of an element to Hex CD7F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7F20 }
```

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

```
.background{ background-color:#CD7F20 }
```

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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