

Converting Colors

Hex(CDA120)

Have a look what the booklet for
Hex(CDA120) contains.

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Color

Hex(CDA120)

Conversions

Conversions Part 1

Format	Color
Hex	CDA120
RGB	205, 161, 32
RGB Percent	80%, 63%, 13%
CMY	0.1961, 0.3686, 0.8745
CMYK	0.00, 0.21, 0.84, 0.20
HSL	45°, 73%, 46%
HSV	45°, 84%, 80%
XYZ	38.1824, 38.5732, 6.7994
YIQ	159.4500, 67.6330, -30.7910

Conversions

Conversions Part 2

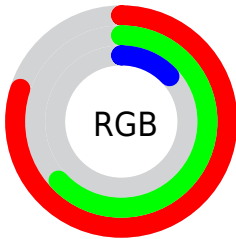
Format	Color
R_{YB}	91, 205, 32
Decimal	13476128
CIE _{Lab}	68.44, 4.96, 66.24
CIE _{LCh}	68, 66.426, 85.717
Yxy	38.5732, 0.4570, 0.4616
Android (android.graphics.Color)	4291666208 (0xFFCDA120)
YUV	159.4500, -62.8328, 39.9474
Hunter-Lab	62.1073, 1.0507, 36.9841

Details

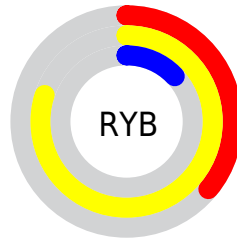
The Hex color **CDA120** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **204CCD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD75A**, and **926E00** is the 20% darker color. If you saturate the color by 10%, you get **CD9C0C**, and if you desaturate by 10%, it is **CDA635**.

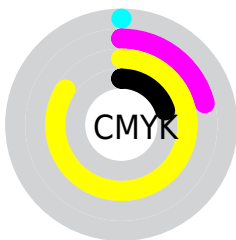
Distribution



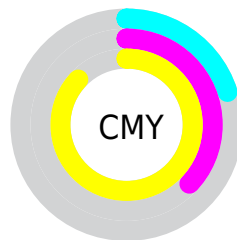
- Red (80%)
- Green (63%)
- Blue (13%)



- Red (36%)
- Yellow (80%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (84%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA120 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 CDA120 by changing the saturation by 10% instead.

 CDA120

 CDA120

FFFFFF

 AF8700

 FFD75A

 926E00

 FFF476

 765600

 FFFF91

 593F00

 FFFFAD

 3E2900

 FFFPCA

 251500

 FFFFFE7

 000000

 CDA120

 CDA120

 CD9C0C

 CDA635

■ CD9900

■ CDAB49

■ CDB15E

■ CDB672

■ CDBB86

■ CDC09B

■ CDC5B0

■ CDCBC4

■ CDD0D9

Harmonies

Analogous

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



F98943



CDA120



93B32F

Triad

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



CDA120



00C3D9



E780EB

Complementary

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



CDA120



204CCD

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.



989BFF



CDA120



00BEFF

Square

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



CDA120



00C39C



00B0FF



FF6EB2

Rectangle

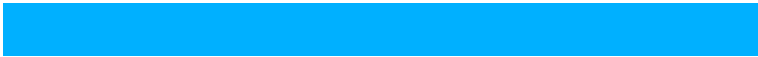
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDA120



62BB4E



00B0FF



D289FB

Sweetspot

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



CDA120



FFEFBF



CD204E



807659



000000



808080

Same Dimension

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



CDA120



FFBE00



A5CD20



66635C



A67C00



261D00

Inverse Universe

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



204CCD



0041FF



4820CD



5C5E66



002AA6



000A26

Previews

White Background



This preview shows how the Hex color CDA120 looks on a white background.

Color Contrast Check

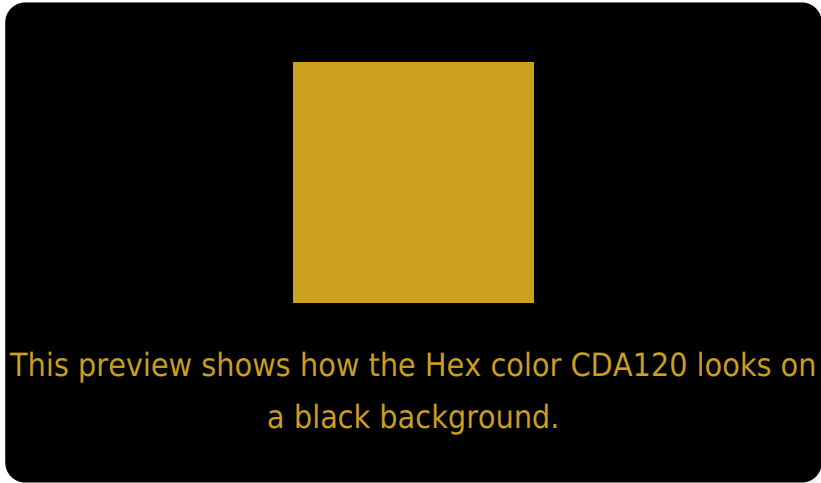
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CDA120 Background



This preview shows how black text looks on a background with the Hex color CDA120.



This preview shows how white text looks on a background with the Hex color CDA120.

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
CDA120

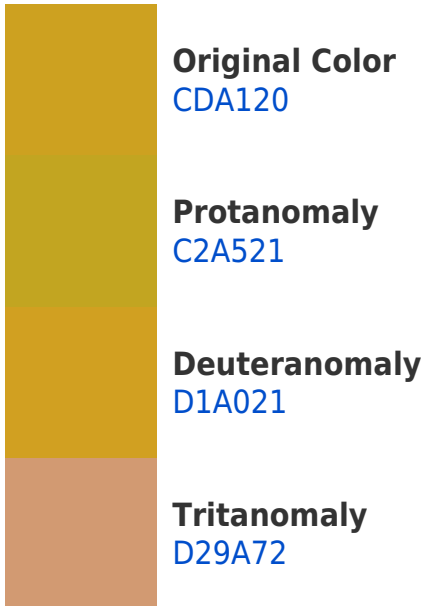
Protanopia
BCA822

Deuteranopia
D39F22



Tritanopia
D596A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA120 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 #CDA120 looks like.

```
.text, #text, p{  
    color:#CDA120  
}
```

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 #CDA120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA120
}
```

Border

The CSS property to change the border of an element to Hex CDA120 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
#CDA120 }
```

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

```
.border{ border-color:#CDA120 }
```

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

Here you see how a box with a 4 pixel #CDA120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA120; -webkit-box-shadow:4px 4px  
4px 4px #CDA120; box-shadow:4px 4px 4px  
4px #CDA120 }
```

Background

The CSS property to change the background color of an element to Hex CDA120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA120 }
```

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

```
.background{ background-color:#CDA120 }
```

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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