

Converting Colors

Hex(D1B620)

Have a look what the booklet for
Hex(D1B620) contains.

Hex(D1B620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D1B620)

Conversions

Conversions Part 1

Format	Color
Hex	D1B620
RGB	209, 182, 32
RGB Percent	82%, 71%, 13%
CMY	0.1804, 0.2863, 0.8745
CMYK	0.00, 0.13, 0.85, 0.18
HSL	51°, 73%, 47%
HSV	51°, 85%, 82%
XYZ	43.2832, 47.1155, 8.1794
YIQ	172.9730, 64.2420, -40.9260

Conversions

Conversions Part 2

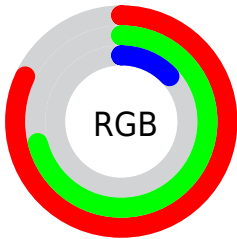
Format	Color
RYB	64, 209, 32
Decimal	13743648
CIELab	74.26, -4.39, 71.24
CIELCh	74, 71.373, 93.526
Yxy	47.1155, 0.4391, 0.4780
Android (android.graphics.Color)	4291933728 (0xFFD1B620)
YUV	172.9730, -69.4997, 31.5957
Hunter-Lab	68.6407, -7.5636, 40.9833

Details

The Hex color **D1B620** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **203BD1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFEE5D**, and **968200** is the 20% darker color. If you saturate the color by 10%, you get **D1B30B**, and if you desaturate by 10%, it is **D1B935**.

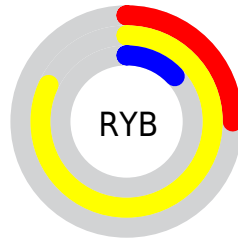
Distribution



Red (82%)

Green (71%)

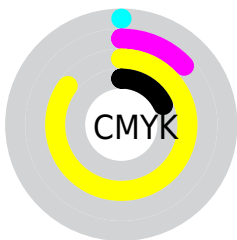
Blue (13%)



Red (25%)

Yellow (82%)

Blue (13%)

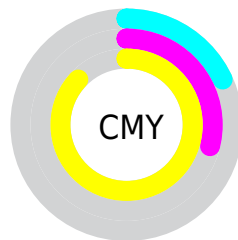


Cyan (0%)

Magenta (13%)

Yellow (85%)

Black (18%)



Cyan (18%)

Magenta (29%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1B620 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 D1B620 by changing the saturation by 10% instead.

 D1B620

 D1B620

FFFFFF

 B39B00

 FFEE5D

 968200

 FFFF7A

 7A6900

 FFFF96

 5D5100

 FFFFB2

 423A00

 FFFFCF

 292500

 FFFFEC

 0C1100

 000000

 D1B620

 D1B620

 D1B30B

 D1B935

 D1B100

 D1BC4A

 D1C05F

 D1C374

 D1C689

 D1C99D

 D1CCB2

 D1D0C7

 D1D3DC

Harmonies

Analogous

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



FF9D3D



D1B620



8EC73F

Triad

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



D1B620



00D5FD



FF85F2

Complementary

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



D1B620



203BD1

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.



C2A2FF



D1B620



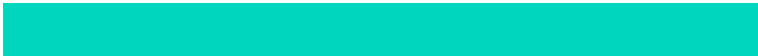
00CDFF

Square

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



D1B620



00D6BD



00BCFF



FF77B2

Rectangle

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



D1B620



4ECF64



00BCFF



F88EFF

Sweetspot

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



D1B620



FFF5BF



D1203E



807A59



000000



808080

Same Dimension

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



D1B620



FFD800



96D120



69675E



A88F00



292300

Inverse Universe

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



203BD1



0027FF



5B20D1



5E6069



001AA8



000629

Previews

White Background



This preview shows how the Hex color D1B620 looks on a white background.

Color Contrast Check

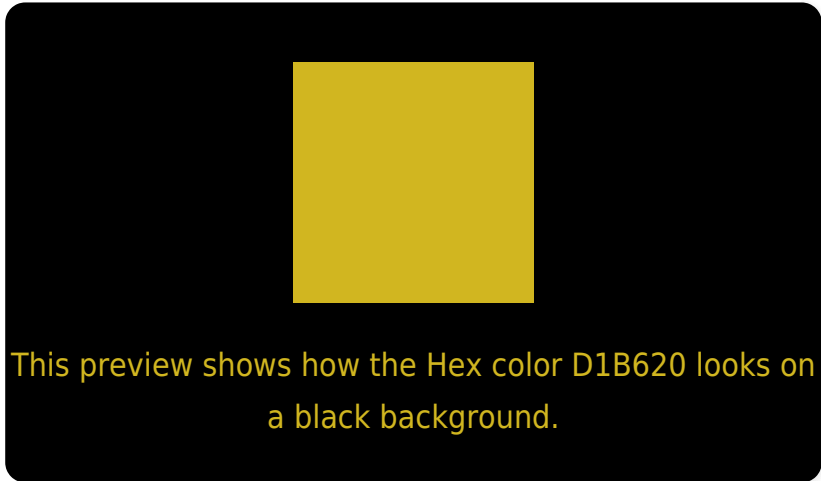
Large Text (above 18pt) WCAG AA × Fail

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 D1B620 Background



This preview shows how black text looks on a background with the Hex color D1B620.

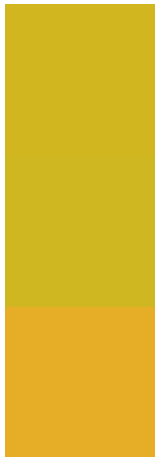


This preview shows how white text looks on a background with the Hex color D1B620.

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
D1B620

Protanopia
CEB720

Deuteranopia
E6AD26

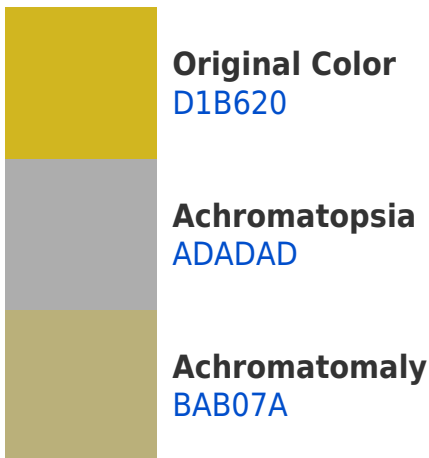


Tritanopia
DBA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1B620 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 #D1B620 looks like.

```
.text, #text, p{  
    color:#D1B620  
}
```

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 #D1B620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1B620  
}
```

Border

The CSS property to change the border of an element to Hex D1B620 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  
#D1B620 }
```

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

```
.border{ border-color:#D1B620 }
```

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

Here you see how a box with a 4 pixel #D1B620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1B620; -webkit-box-shadow:4px 4px  
4px 4px #D1B620; box-shadow:4px 4px 4px  
4px #D1B620 }
```

Background

The CSS property to change the background color of an element to Hex D1B620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1B620 }
```

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

```
.background{ background-color:#D1B620 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor