

Converting Colors

Hex(DBB920)

Have a look what the booklet for
Hex(DBB920) contains.

Hex(DBB920)	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(DBB920)

Conversions

Conversions Part 1

Format	Color
Hex	DBB920
RGB	219, 185, 32
RGB Percent	86%, 73%, 13%
CMY	0.1412, 0.2745, 0.8745
CMYK	0.00, 0.16, 0.85, 0.14
HSL	49°, 75%, 49%
HSV	49°, 85%, 86%
XYZ	46.8231, 49.8623, 8.5230
YIQ	177.7240, 69.3770, -40.3750

Conversions

Conversions Part 2

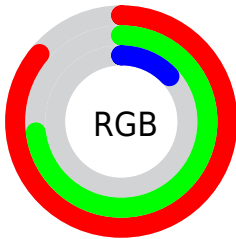
Format	Color
RYB	74, 219, 32
Decimal	14399776
CIELab	75.98, -1.59, 73.04
CIELCh	76, 73.057, 91.251
Yxy	49.8623, 0.4451, 0.4739
Android (android.graphics.Color)	4292589856 (0xFFDDBB920)
YUV	177.7240, -71.8419, 36.1991
Hunter-Lab	70.6132, -5.2112, 42.2729

Details

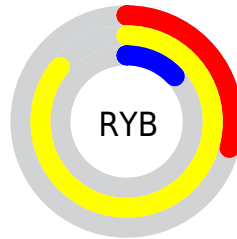
The Hex color **DBB920** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **2042DB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFF15E**, and **9F8400** is the 20% darker color. If you saturate the color by 10%, you get **DBB50A**, and if you desaturate by 10%, it is **DBBD36**.

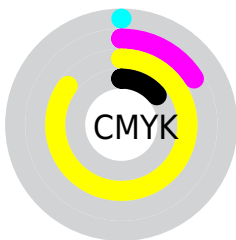
Distribution



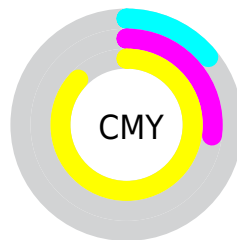
- Red (86%)
- Green (73%)
- Blue (13%)



- Red (29%)
- Yellow (86%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (85%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBB920 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 DBB920 by changing the saturation by 10% instead.

 DBB920

 DBB920

FFFFFF

 BD9E00

 FFF15E

 9F8400

 FFFF7A

 826B00

 FFFF97

 665400

 FFFFFB3

 4A3D00

 FFFFFD0

 302700

 FFFFFED

 181300

 000000

 DBB920

 DBB920

 DBB50A

 DBBD36

 DBB300

 DBC14C

 DBC562

 DBC978

 DBCD8D

 DBD1A3

 DBD5B9

 DBD9CF

 DBDDE5

Harmonies

Analogous

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



FF9F42



DBB920



97CC3C

Triad

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



DBB920



00DAFF



FF8BFD

Complementary

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



DBB920



2042DB

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.



BFA8FF



DBB920



00D3FF

Square

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



DBB920



00DBBC



00C2FF



FF7ABB

Rectangle

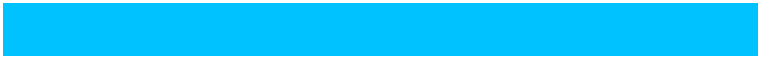
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBB920



59D462



00C2FF



FA94FF

Sweetspot

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



DBB920



FFF3BD



DB2042



807858



000000



808080

Same Dimension

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



DBB920



FFD100



A0DB20



6E6C63



AD8E00



2E2600

Inverse Universe

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



2042DB



002EFF



5B20DB



63656E



0020AD



00082E

Previews

White Background



This preview shows how the Hex color DBB920 looks on a white background.

Color Contrast Check

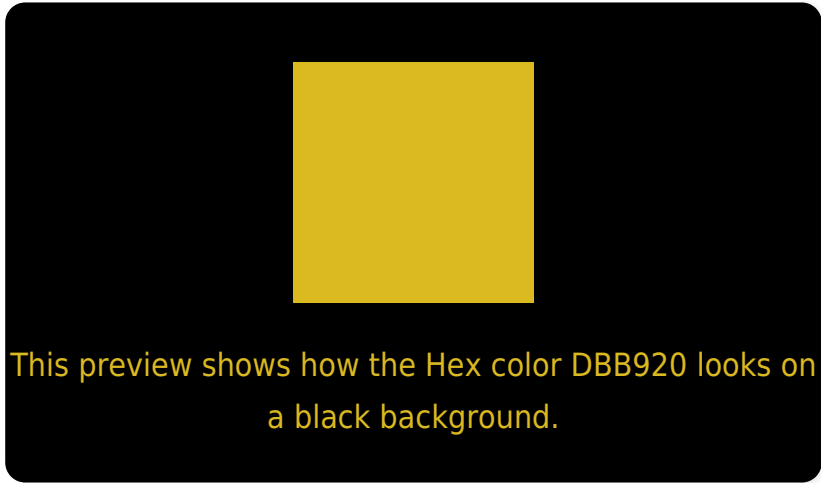
Large Text (above 18pt) WCAG AA × Fail

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 DBB920 Background



This preview shows how black text looks on a background with the Hex color DBB920.



This preview shows how white text looks on a background with the Hex color DBB920.

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
DBB920

Protanopia
D3BC21

Deuteranopia
ECB225

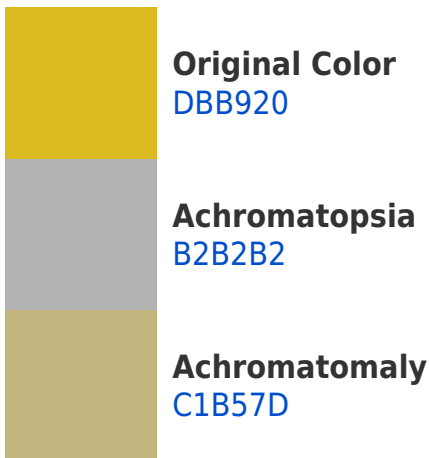


Tritanopia
E5ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBB920 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 #DBB920 looks like.

```
.text, #text, p{  
    color:#DBB920  
}
```

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 #DBB920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB920
}
```

Border

The CSS property to change the border of an element to Hex DBB920 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
#DBB920 }
```

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

```
.border{ border-color:#DBB920 }
```

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

Here you see how a box with a 4 pixel #DBB920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB920; -webkit-box-shadow:4px 4px  
4px 4px #DBB920; box-shadow:4px 4px 4px  
4px #DBB920 }
```

Background

The CSS property to change the background color of an element to Hex DBB920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB920 }
```

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

```
.background{ background-color:#DBB920 }
```

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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