

Converting Colors

RGB(220, 220, 0)

Have a look what the booklet for
RGB(220, 220, 0) contains.

RGB(220, 220, 0)	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

RGB(220, 220, 0)

Conversions

Conversions Part 1

Format	Color
Hex	DCDC00
RGB	220, 220, 0
RGB Percent	86%, 86%, 0%
CMY	0.1373, 0.1373, 1.0000
CMYK	0.00, 0.00, 1.00, 0.14
HSL	60°, 100%, 43%
HSV	60°, 100%, 86%
XYZ	55.1084, 66.4020, 9.9124
YIQ	194.9200, 70.6200, -68.4200

Conversions

Conversions Part 2

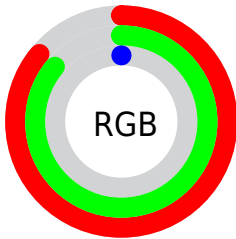
Format	Color
RYB	0, 220, 0
Decimal	14474240
CIELab	85.20, -19.28, 84.51
CIELCh	85, 86.685, 102.852
Yxy	66.4020, 0.4193, 0.5053
Android (android.graphics.Color)	4292664320 (0xFFDCDC00)
YUV	194.9200, -96.0956, 21.9952
Hunter-Lab	81.4874, -21.8869, 49.8290

Details

The RGB color **220, 220, 0** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0, 0, 220**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 255, 88**, and **160, 165, 0** is the 20% darker color. If you saturate the color by 10%, you get **220, 220, 0**, and if you desaturate by 10%, it is **220, 220, 22**.

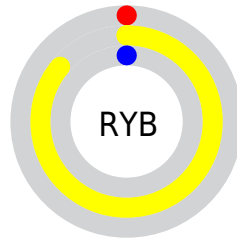
Distribution



Red (86%)

Green (86%)

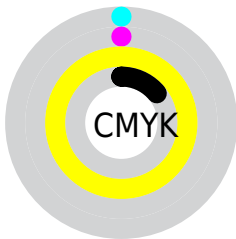
Blue (0%)



Red (0%)

Yellow (86%)

Blue (0%)

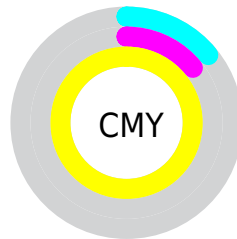


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (14%)



















Magenta (14%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the RGB color 220, 220, 0 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 RGB color 220, 220, 0 by changing the saturation by 10% instead.


 220, 220, 0	 220, 220, 0
 255, 255, 255	 190, 192, 0
 255, 255, 88	 160, 165, 0
 255, 255, 119	 131, 139, 0
 255, 255, 148	 103, 114, 0
 255, 255, 177	 74, 90, 0
 255, 255, 207	 47, 66, 0
 255, 255, 237	 22, 44, 0
	 0, 26, 0
	 0, 0, 0

 220, 220, 0

 220, 220, 22

 220, 220, 44

 220, 220, 66

 220, 220, 88

 220, 220, 110

 220, 220, 132

 220, 220, 154

 220, 220, 176

 220, 220, 198

Harmonies

Analogous

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



255, 192, 35



220, 220, 0



126, 238, 82

Triad

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



220, 220, 0



0, 248, 255



255, 140, 255

Complementary

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



220, 220, 0



0, 0, 220

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.



255, 175, 255



220, 220, 0



0, 235, 255

Square

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



220, 220, 0



0, 251, 247



101, 210, 255



255, 131, 181

Rectangle

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



220, 220, 0



0, 246, 134



101, 210, 255



255, 150, 255

Sweetspot

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



220, 220, 0



255, 255, 179



220, 0, 0



128, 128, 82



0, 0, 0



128, 128, 128

Same Dimension

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



220, 220, 0



255, 255, 0



110, 220, 0



110, 110, 99



173, 173, 0



46, 46, 0

Inverse Universe

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



0, 0, 220



0, 0, 255



110, 0, 220



99, 99, 110



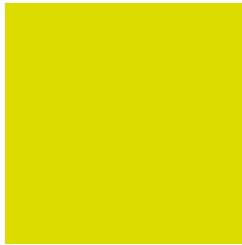
0, 0, 173



0, 0, 46

Previews

White Background



This preview shows how the RGB color 220, 220, 0 looks on a white background.

Color Contrast Check

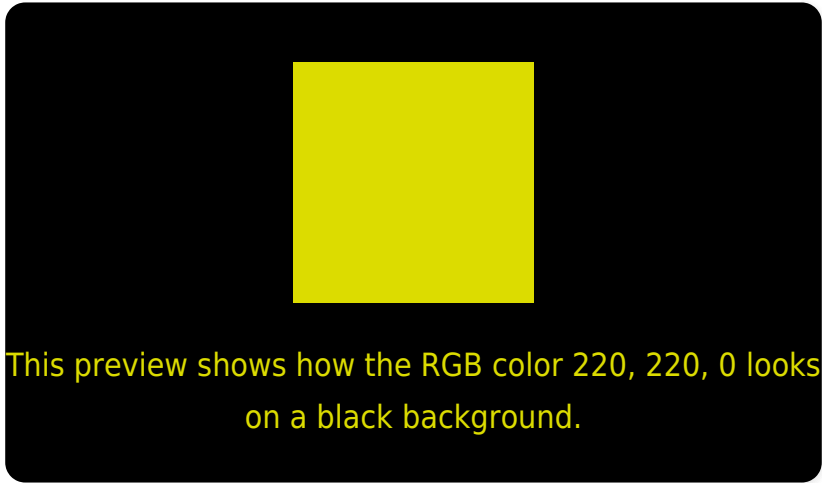
Large Text (above 18pt) WCAG AA × Fail

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](#).

RGB 220, 220, 0 Background



This preview shows how black text looks on a background with the RGB color 220, 220, 0.

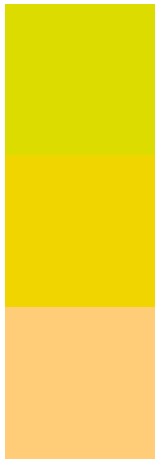


This preview shows how white text looks on a background with the RGB color 220, 220, 0.

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
220, 220, 0

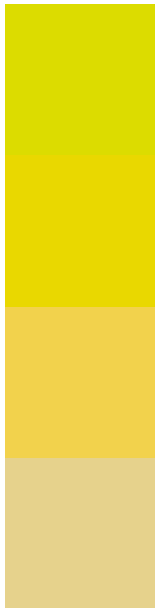
Protanopia
240, 213, 0

Deuteranopia
255, 205, 119



Tritanopia
235, 204, 220

Trichromacy



Original Color
220, 220, 0

Protanomaly
233, 216, 0

Deuteranomaly
242, 210, 76

Tritanomaly
230, 210, 140

Monochromacy



Original Color
220, 220, 0

Achromatopsia
195, 195, 195

Achromatomaly
204, 204, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 220, 0 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 `rgb(220, 220, 0)` looks like.

```
.text, #text, p{  
    color:rgb(220, 220, 0)  
}
```

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 rgb(220, 220, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 220, 0) }
```

Border

The CSS property to change the border of an element to RGB 220, 220, 0 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 rgb(220, 220, 0) }
```

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

```
.border{ border-color:rgb(220, 220, 0) }
```

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

Here you see how a box with a 4 pixel rgb(220, 220, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 220, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 220, 0);  
box-shadow:4px 4px 4px 4px rgb(220, 220,  
0) }
```

Background

The CSS property to change the background color of an element to RGB 220, 220, 0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 220, 0) }
```

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

```
.background{ background-color: rgb(220,  
220, 0) }
```

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