

# Converting Colors

Hex(62DB24)

Have a look what the booklet for  
Hex(62DB24) contains.

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**Color**

**Hex(62DB24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62DB24
RGB	98, 219, 36
RGB Percent	38%, 86%, 14%
CMY	0.6157, 0.1412, 0.8588
CMYK	0.55, 0.00, 0.84, 0.14
HSL	100°, 72%, 50%
HSV	100°, 84%, 86%
XYZ	30.6870, 53.3871, 10.3564
YIQ	161.9590, -13.3730, -82.5650

# Conversions

## Conversions Part 2

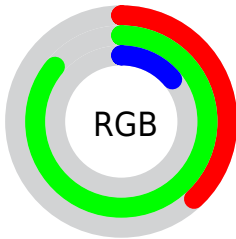
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 219, 157
Decimal	6478628
CIELab	78.10, -62.60, 70.95
CIELCh	78, 94.623, 131.424
Yxy	53.3871, 0.3250, 0.5654
Android (android.graphics.Color)	4284668708 (0xFF62DB24)
YUV	161.9590, -62.0978, -56.0920
Hunter-Lab	73.0665, -52.8986, 42.7428

# Details

The Hex color **62DB24** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **9D24DB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A0FF63**, and **0DA300** is the 20% darker color. If you saturate the color by 10%, you get **54DB0E**, and if you desaturate by 10%, it is **70DB3A**.

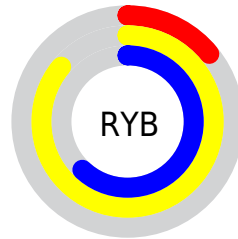
# Distribution



Red (38%)

Green (86%)

Blue (14%)



Red (14%)

Yellow (86%)

Blue (62%)

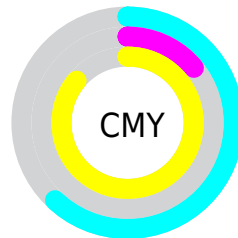


Cyan (55%)

Magenta (0%)

Yellow (84%)

Black (14%)



Cyan (62%)

Magenta (14%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62DB24 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 62DB24 by changing the saturation by 10% instead.



 62DB24

 62DB24

FFFFFF

 40BF00

 A0FF63

 0DA300

 BEFF80

 008800

 DDF99D

 006D00

 FBFFB9

 005400

 FFFFD7

 003B00

 FFFFF4

 002300

 000000

 62DB24

 62DB24

 54DB0E

 70DB3A

 4ADB00

 7FDB50

 8DDB66

 9CDB7C

 AADB92

 B9DBA7

 C7DBBD

 D6DBD3

 E4DBE9

# Harmonies

## Analogous

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



C9C800



62DB24



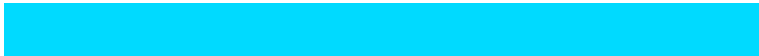
00E585

# Triad

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



62DB24



00DAFF



FF5CA3

# Complementary

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



62DB24



9D24DB

# 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.



FF6BFB



62DB24



00C1FF

# Square

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



62DB24



00E6FF



ED99FF



FF7E50

# Rectangle

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



62DB24



00E8C3



ED99FF



FF5AC1

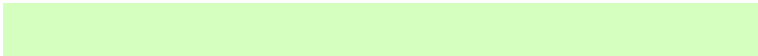


# Sweetspot

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



62DB24



D5FFBF



DB9B24



668059



000000



808080



# Same Dimension

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



62DB24



56FF00



24DB3F



666E63



3BAD00



102E00



# Inverse Universe

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



9D24DB



A900FF



DB24C0



6A636E



7300AD

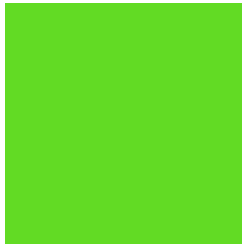


1E002E



# Previews

## White Background



This preview shows how the Hex color 62DB24 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



This preview shows how the Hex color 62DB24 looks on a 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 62DB24 Background



This preview shows how black text looks on a background with the Hex color 62DB24.

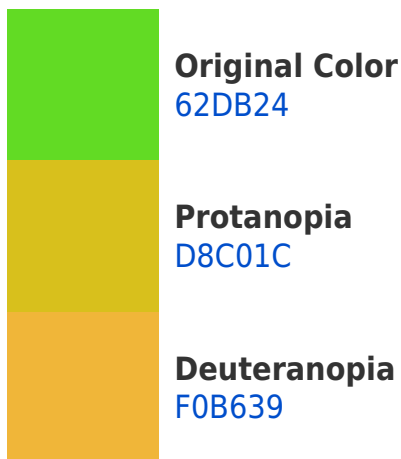


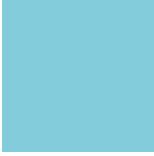
This preview shows how white text looks on a background with the Hex color 62DB24.

# 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





# Trichromacy



**Original Color**  
62DB24



**Protanomaly**  
ADCA1F



**Deuteranomaly**  
BCC331



**Tritanomaly**  
76D199

# Monochromacy



**Original Color**  
62DB24



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
8BB774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62DB24 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 #62DB24 looks like.

```
.text, #text, p{  
    color:#62DB24  
}
```

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 #62DB24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62DB24
}
```

## Border

The CSS property to change the border of an element to Hex 62DB24 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
#62DB24 }
```

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

```
.border{ border-color:#62DB24 }
```

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

Here you see how a box with a 4 pixel #62DB24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62DB24; -webkit-box-shadow:4px 4px  
4px 4px #62DB24; box-shadow:4px 4px 4px  
4px #62DB24 }
```

# Background

The CSS property to change the background color of an element to Hex 62DB24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62DB24 }
```

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

```
.background{ background-color:#62DB24 }
```

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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