

# Converting Colors

HunterLab(53.2719, 49.0477,  
-13.8626)

Have a look what the booklet for  
HunterLab(53.2719, 49.0477,  
-13.8626) contains.

<b>HunterLab(53.3084, 48.6896, -13.7324)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(53.3084, 48.6896,  
-13.7324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB69B3
RGB	219, 105, 179
RGB Percent	86%, 41%, 70%
CMY	0.1412, 0.5882, 0.2980
CMYK	0.00, 0.52, 0.18, 0.14
HSL	321°, 61%, 64%
HSV	321°, 52%, 86%
XYZ	42.4016, 28.4179, 45.8982
YIQ	147.5220, 44.1900, 47.1820

# Conversions

## Conversions Part 2

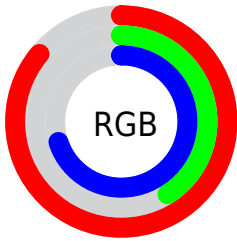
Format	Color
R <sub>Y</sub> B	219, 105, 179
Decimal	14379443
CIE Lab	60.27, 53.32, -18.47
CIE LCh	60, 56.427, 340.896
Yxy	28.4192, 0.3633, 0.2435
Android (android.graphics.Color)	4292569523 (0xFFDB69B3)
YUV	147.5220, 15.5187, 62.6862
Hunter-Lab	53.3084, 48.6896, -13.7324

# Details

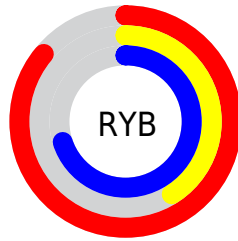
The HunterLab color  $53.3084, 48.6896, -13.7324$  is a light color, and the websafe version is hex  $CC6699$ . A complement of this color would be  $74.6401, -43.8829, 23.9437$ , and the grayscale version is  $54.1542, -2.8895, 2.9423$ .

A 20% lighter version of the original color is  $72.3877, 42.9900, -19.0185$ , and  $33.7115, 44.8092, -13.1580$  is the 20% darker color. If you saturate the color by 10%, you get  $49.2090, 57.8763, -15.2759$ , and if you desaturate by 10%, it is  $58.1283, 38.6928, -11.2774$ .

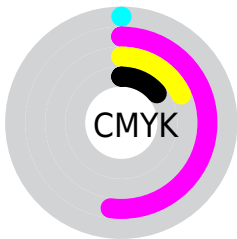
# Distribution



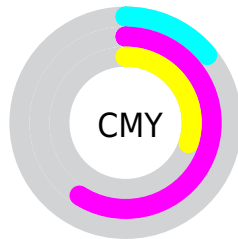
- Red (86%)
- Green (41%)
- Blue (70%)



- Red (86%)
- Yellow (41%)
- Blue (70%)



- Cyan (0%)
- Magenta (52%)
- Yellow (18%)
- Black (14%)



- Cyan (14%)
- Magenta (59%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3084, 48.6896, -13.7324 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 HunterLab color 53.3084, 48.6896, -13.7324 by changing the saturation by 10% instead.



53.3084, 48.6896,  
-13.7324

53.3084, 48.6896,  
-13.7324

171.5998, 60.7703,  
-13.4788

43.1763, 46.8517,  
-13.4691

75.5996, 52.0329,  
-14.0564

33.7814, 44.9169,  
-13.1378

87.6803, 53.5485,  
-14.1274

25.1884, 42.9145,  
-12.7397

100.3437, 54.9660,  
-14.1422

17.4806, 40.9433,  
-12.2921

113.5640, 56.2910,  
-14.1041

10.7744, 39.3252,  
-11.8655

127.3188, 57.5290,  
-14.0161

1.7148, 145.8397,  
-46.1523

141.5880, 58.6852,

0.0000, INF, -NF

-13.8810

0.0000, NaN, NaN

156.3537, 59.7642,  
-13.7012

0.0000, NaN, NaN

■ 53.3084, 48.6896,  
-13.7324

■ 53.3084, 48.6896,  
-13.7324

■ 49.2090, 57.8763,  
-15.2759

■ 58.1283, 38.6928,  
-11.2774

■ 45.9203, 65.6453,  
-15.6776

■ 63.5653, 28.3521,  
-8.1445

■ 43.5085, 71.3317,  
-14.7704

■ 69.5284, 17.9559,  
-4.5203

■ 41.9764, 74.4668,  
-12.5574

■ 75.9384, 7.6660,  
-0.5453

■ 41.2526, 75.3917,  
-10.1287

■ 82.7296, -2.4419,  
3.6811

■ 89.8485, -12.3433,  
8.0904

■ 96.1517, -20.3963,  
11.4504

■ 96.3846, -19.0853,  
8.1177

■ 96.6269, -17.7246,  
4.6582

# Harmonies

## Analogous

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



53.3097, 31.1996, -42.6273



53.3084, 48.6896, -13.7324



53.3097, 51.0303, 10.6156

# Triad

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



53.3097, 48.6869, -13.7309



53.3097, -11.3685, 30.6503



53.3097, -33.6830, -35.0167

# Complementary

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



53.3084, 48.6896, -13.7324



74.6401, -43.8829, 23.9437

# 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.



53.3097, -41.3068, -6.1706



53.3084, 48.6896, -13.7324



53.3097, -30.0410, 26.7034

# Square

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



53.3097, 48.6869, -13.7309



53.3097, 13.2686, 30.0855



53.3097, -40.1048, 15.4612



53.3097, -17.2505, -58.2345



# Rectangle

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



53.3084, 48.6896, -13.7324



53.3097, 43.2948, 21.0070



53.3097, -40.1048, 15.4612



53.3097, -37.2157, -25.2292

# Sweetspot

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



53.3097, 48.6869, -13.7309



87.0554, 14.0797, -2.6190



46.0759, 33.6459, -57.2574



39.5445, 7.6888, -1.6654

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.3097, 48.6869, -13.7309



58.2570, 69.2522, -18.2058



51.5483, 40.6317, 11.2582



36.3224, 2.3379, 0.2526



31.7996, 58.1755, -8.2709



8.1927, 15.1616, -3.4758



# Inverse Universe

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



53.3097, 48.6869, -13.7309



58.2570, 69.2522, -18.2058



76.1095, -35.1413, 2.8020



36.3224, 2.3379, 0.2526



31.7996, 58.1755, -8.2709



8.1927, 15.1616, -3.4758



# Previews

## White Background



This preview shows how the HunterLab color 53.3084, 48.6896, -13.7324 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

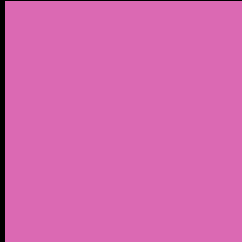
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 53.3084, 48.6896, -13.7324 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

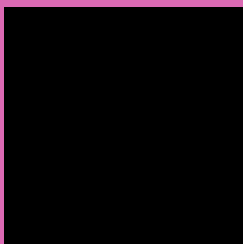
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

## HunterLab 53.3084, 48.6896, -13.7324 Background



This preview shows how black text looks on a background with the HunterLab color 53.3084, 48.6896, -13.7324.



This preview shows how white text looks on a background with the HunterLab color 53.3084, 48.6896, -13.7324.

-13.7324.

# 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

53.3084, 48.6896, -13.7324

### Protanopia

53.7468, 5.0455, -31.9130

### Deuteranopia

53.4473, 4.1493, -10.8504



## Tritanopia

53.3848, 32.9481, 11.9241

# Trichromacy



## Original Color

53.3084, 48.6896, -13.7324

## Protanomaly

52.4119, 19.1621, -27.1240

## Deuteranomaly

52.6117, 19.2864, -12.9489

## Tritanomaly

53.3418, 38.2797, 3.7639

# Monochromacy



## Original Color

53.3084, 48.6896, -13.7324

## Achromatopsia

54.4186, -2.9036, 2.9567

## Achromatomaly

52.9192, 15.2110, -3.8749

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.3084, 48.6896, -13.7324 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(219, 105, 179)` looks like.

```
.text, #text, p{  
    color:rgb(219, 105, 179)  
}
```

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(219, 105, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 105, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.3084, 48.6896, -13.7324 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(219, 105, 179) }
```



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

```
.border{ border-color:rgb(219, 105, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 105, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 105, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 105, 179);  
box-shadow:4px 4px 4px 4px rgb(219, 105,  
179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.3084, 48.6896, -13.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 105, 179) }
```

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

```
.background{ background-color: rgb(219,  
105, 179) }
```

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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