

Converting Colors

HunterLab(41.9970, 2.6769,
-2.6630)

Have a look what the booklet for
HunterLab(41.9970, 2.6769, -2.6630)
contains.

HunterLab(41.9282, 3.1281, -2.9878)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(41.9282, 3.1281,
-2.9878)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7180
RGB	123, 113, 128
RGB Percent	48%, 44%, 50%
CMY	0.5176, 0.5569, 0.4980
CMYK	0.04, 0.12, 0.00, 0.50
HSL	280°, 6%, 47%
HSV	280°, 12%, 50%
XYZ	17.9698, 17.5797, 22.8682
YIQ	117.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

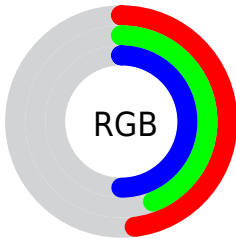
Format	Color
R_{YB}	123, 113, 128
Decimal	8089984
CIE _{Lab}	48.98, 6.87, -6.84
CIE _{LCh}	49, 9.700, 315.125
Yxy	17.5805, 0.3076, 0.3009
Android (android.graphics.Color)	4286280064 (0xFF7B7180)
YUV	117.7000, 5.0779, 4.6481
Hunter-Lab	41.9282, 3.1281, -2.9878

Details

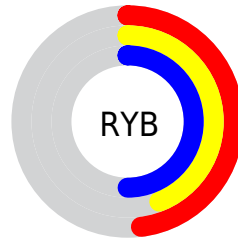
The HunterLab color $[41.9282, 3.1281, -2.9878]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[45.2577, -7.5305, 7.2879]$, and the grayscale version is $[42.4289, -2.2639, 2.3052]$.

A 20% lighter version of the original color is $[62.7379, 2.5213, -2.6106]$, and $[24.0852, 3.2492, -3.3113]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.2296, 8.0116, -7.9757]$, and if you desaturate by 10%, it is $[45.7849, -1.6652, 1.7370]$.

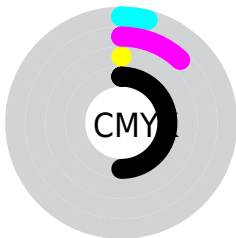
Distribution



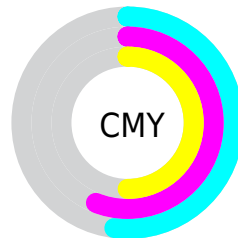
- Red (48%)
- Green (44%)
- Blue (50%)



- Red (48%)
- Yellow (44%)
- Blue (50%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9282, 3.1281, -2.9878 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 41.9282, 3.1281, -2.9878 by changing the saturation by 10% instead.

■ 41.9282, 3.1281,
-2.9878

■ 41.9282, 3.1281,
-2.9878

■ 154.4331, -0.0772,
0.5482

■ 32.6332, 3.2153,
-3.1236

■ 62.7066, 2.7528,
-2.5281

■ 24.1485, 3.2237,
-3.1873

■ 74.0941, 2.4810,
-2.2178

■ 16.5617, 3.1357,
-3.1664

■ 86.0980, 2.1595,
-1.8594

■ 9.9951, 2.9250,
-3.0460

■ 98.6882, 1.7923,
-1.4566

0.0000, INF, -NF

0.0000, NaN, NaN

■ 111.8384, 1.3825,
-1.0121

0.0000, NaN, NaN

■ 125.5258, 0.9329,

0.0000, NaN, NaN

-0.5284

0.0000, NaN, NaN

139.7301, 0.4457,
-0.0077

■ 41.9282, 3.1281,
-2.9878

■ 41.9282, 3.1281,
-2.9878

■ 38.2296, 8.0116,
-7.9757

■ 45.7849, -1.6652,
1.7370

■ 34.7119, 12.9827,
-13.2660

■ 49.7767, -6.3709,
6.2352

■ 31.4083, 18.0128,
-18.8827

■ 53.8883, -11.0000,
10.5437

■ 28.3591, 23.0332,
-24.8186

■ 58.1066, -15.5643,
14.6943

■ 25.6138, 27.9063,
-31.0014

■ 62.4210, -20.0750,
18.7141

■ 23.2291, 32.3939,
-37.2452

■ 66.8227, -24.5426,
22.6260

■ 21.2637, 36.1429,
-43.2086

■ 71.3044, -28.9762,
26.4488

■ 19.7636, 38.7363,
-48.4099

■ 75.8599, -33.3838,
30.1985

■ 18.7225, 40.3869,
-52.4294

■ 80.4840, -37.7721,
33.8881

Harmonies

Analogous

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



41.9291, -0.2937, -5.0872



41.9282, 3.1281, -2.9878



41.9291, 5.1448, 0.4372

Triad

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



41.9291, 3.1271, -2.9870



41.9291, -0.3254, 8.5241



41.9291, -9.1378, 0.4063

Complementary

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



41.9282, 3.1281, -2.9878



45.2577, -7.5305, 7.2879

Split Complementary

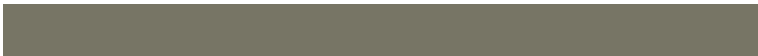
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.9291, -9.1456, 4.0472



41.9282, 3.1281, -2.9878



41.9291, -4.1504, 8.5175

Square

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



41.9291, 3.1271, -2.9870



41.9291, 3.1032, 6.9648



41.9291, -7.3490, 6.9457



41.9291, -7.3274, -3.0114

Rectangle

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



41.9282, 3.1281, -2.9878



41.9291, 5.3780, 2.9054



41.9291, -7.3490, 6.9457



41.9291, -9.3492, 1.6495

Sweetspot

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



41.9291, 3.1271, -2.9870



59.5191, -0.7101, 0.8451



42.5274, -2.1667, -2.3047



28.6337, -0.1404, 0.2101



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



41.9291, 3.1271, -2.9870



54.3352, 5.8260, -5.6520



42.3085, 4.2543, -1.3986



20.8395, 0.9038, -0.8371



18.6453, 40.2187, -52.1992

0.0000, NaN, NaN

Inverse Universe

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



42.0812, 3.0406, 1.8336



54.5890, 5.6901, 2.2693



44.9367, -8.5735, 6.0386



20.8952, 0.8701, 0.9562



21.7286, 37.9969, 7.9473

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.9282, 3.1281, -2.9878 looks on a white 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

Black Background



This preview shows how the HunterLab color 41.9282, 3.1281, -2.9878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

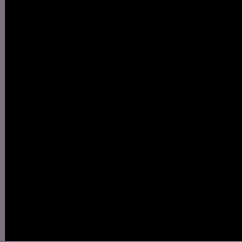
Any Text WCAG AA ✓ Pass

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 41.9282, 3.1281, -2.9878 Background



This preview shows how black text looks on a background with the HunterLab color 41.9282, 3.1281, -2.9878.



This preview shows how white text looks on a background with the HunterLab color 41.9282, 3.1281, -2.9878.

-2.9878.

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

41.9282, 3.1281, -2.9878

Protanopia

42.1276, -0.2307, -3.7681

Deuteranopia

41.8406, 2.8343, -3.1074



Tritanopia

41.9551, 1.5375, -0.6020

Trichromacy



Original Color

41.9282, 3.1281, -2.9878

Protanomaly

42.0690, 0.9055, -3.3321

Deuteranomaly

41.8406, 2.8343, -3.1074

Tritanomaly

42.0153, 1.8620, -1.4570

Monochromacy



Original Color

41.9282, 3.1281, -2.9878

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.2954, -0.1446, 0.2491

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9282, 3.1281, -2.9878 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(123, 113, 128)` looks like.

```
.text, #text, p{  
    color:rgb(123, 113, 128)  
}
```

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(123, 113, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 113, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9282, 3.1281, -2.9878 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(123, 113, 128) }
```


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

```
.border{ border-color:rgb(123, 113, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 113, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 113, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 113, 128);  
box-shadow:4px 4px 4px 4px rgb(123, 113,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9282, 3.1281, -2.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 113, 128) }
```

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

```
.background{ background-color: rgb(123,  
113, 128) }
```

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