

# Converting Colors

HunterLab(44.5363, -3.1818,  
1.9119)

Have a look what the booklet for  
HunterLab(44.5363, -3.1818, 1.9119)  
contains.

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# Color

HunterLab(44.6492, -3.2530,  
2.1341)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797C7C
RGB	121, 124, 124
RGB Percent	47%, 49%, 49%
CMY	0.5255, 0.5137, 0.5137
CMYK	0.02, 0.00, 0.00, 0.51
HSL	180°, 1%, 48%
HSV	180°, 2%, 49%
XYZ	18.7309, 19.9355, 21.9295
YIQ	123.1030, -1.7880, -0.6360

# Conversions

## Conversions Part 2

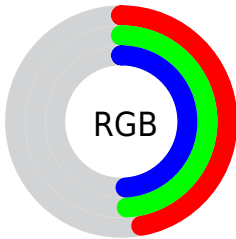
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 123, 124
Decimal	7961724
CIELab	51.77, -1.12, -0.40
CIElCh	52, 1.190, 199.542
Yxy	19.9364, 0.3091, 0.3290
Android (android.graphics.Color)	4286151804 (0xFF797C7C)
YUV	123.1030, 0.4422, -1.8443
Hunter-Lab	44.6492, -3.2530, 2.1341

# Details

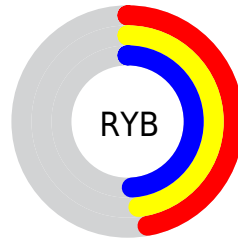
The HunterLab color  $44.6492, -3.2530, 2.1341$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $43.9783, -1.4617, 2.6850$ , and the grayscale version is  $44.5448, -2.3768, 2.4202$ .

A 20% lighter version of the original color is  $65.6274, -4.4324, 3.2537$ , and  $26.3754, -1.9388, 1.2549$  is the 20% darker color. If you saturate the color by 10%, you get  $43.7002, -6.6144, 0.9442$ , and if you desaturate by 10%, it is  $45.7065, 0.3980, 3.4310$ .

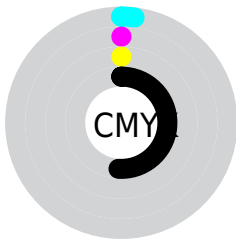
# Distribution



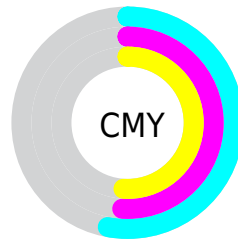
- Red (47%)
- Green (49%)
- Blue (49%)



- Red (47%)
- Yellow (48%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.6492, -3.2530, 2.1341 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 44.6492, -3.2530, 2.1341 by changing the saturation by 10% instead.



■ 44.6492, -3.2530,  
2.1341

■ 44.6492, -3.2530,  
2.1341

■ 158.6097, -9.8007,  
8.1834

■ 35.1409, -2.6789,  
1.6397

■ 65.8107, -4.5051,  
3.2461

■ 26.4229, -2.1398,  
1.1897

■ 77.3730, -5.1778,  
3.8569

■ 18.5759, -1.6391,  
0.7899

■ 89.5428, -5.8802,  
4.5017

■ 11.7102, -1.1787,  
0.4473

■ 102.2912, -6.6112,  
5.1788

■ 4.4206, -1.3416,  
-0.1326

■ 115.5931, -7.3696,  
5.8868

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 129.4262, -8.1545,

6.6242

0.0000, NaN, NaN

143.7710, -8.9651,  
7.3901

0.0000, NaN, NaN

■ 44.6492, -3.2530,  
2.1341

■ 44.6492, -3.2530,  
2.1341

■ 43.7002, -6.6144,  
0.9442

■ 45.7065, 0.3980,  
3.4310

■ 42.8586, -9.6556,  
-0.1315

■ 46.8664, 4.3123,  
4.8228

■ 42.1263, -12.3538,  
-1.0841

■ 48.1265, 8.4592,  
6.3000

■ 41.5032, -14.6899,  
-1.9074

■ 49.4829, 12.8098,  
7.8527

■ 40.9878, -16.6517,  
-2.5975

■ 50.9314, 17.3366,  
9.4712

■ 40.5769, -18.2355,  
-3.1532

■ 52.4677, 22.0141,  
11.1469

■ 40.2656, -19.4471,  
-3.5769

■ 54.0873, 26.8196,  
12.8716

■ 40.0472, -20.3038,  
-3.8751

■ 55.7858, 31.7325,  
14.6382

■ 39.9123, -20.8359,  
-4.0584

■ 57.5590, 36.7351,  
16.4405

# Harmonies

## Analogous

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



44.6502, -3.2917, 2.5900



44.6492, -3.2530, 2.1341



44.6502, -2.9840, 1.7551

# Triad

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



44.6502, -3.2540, 2.1348



44.6502, -1.6781, 1.8551



44.6502, -2.2166, 3.2879

# Complementary

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



44.6492, -3.2530, 2.1341



43.9783, -1.4617, 2.6850

# 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.



44.6502, -1.7824, 3.0954



44.6492, -3.2530, 2.1341



44.6502, -1.4707, 2.2703

# Square

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



44.6502, -3.2540, 2.1348



44.6502, -2.0747, 1.5924



44.6502, -1.5089, 2.7240



44.6502, -2.6941, 3.2525



# Rectangle

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



44.6492, -3.2530, 2.1341



44.6502, -2.7080, 1.5973



44.6502, -1.5089, 2.7240



44.6502, -2.0607, 3.2478

# Sweetspot

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



44.6502, -3.2540, 2.1348



59.4170, -3.6620, 3.0640



44.5704, -3.7009, 3.3357



28.8398, -1.7603, 1.4929



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



44.6502, -3.2540, 2.1348



59.1433, -4.6185, 2.7248



44.2441, -2.5838, 1.6629



21.4946, -1.7733, 0.9586



40.1642, -21.3118, -4.1957



87.7206, -46.5482, -9.1589



# Inverse Universe

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



43.9783, -1.4617, 2.6850



58.0134, -1.6042, 3.6501



44.3804, -2.1353, 3.1429



21.0099, -0.4802, 1.3556



20.8720, 35.7449, 13.4796



45.5850, 78.0667, 29.4491



# Previews

## White Background



This preview shows how the HunterLab color 44.6492, -3.2530, 2.1341 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

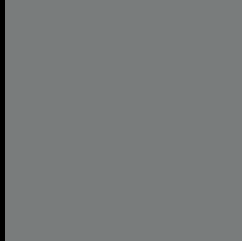
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 44.6492, -3.2530, 2.1341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

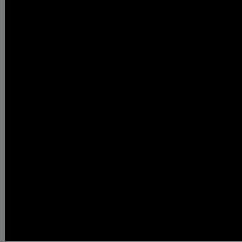
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

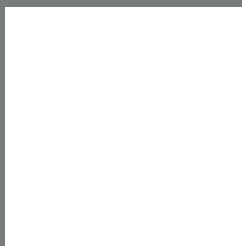
Any Text WCAG AAA × Fail

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

## HunterLab 44.6492, -3.2530, 2.1341 Background



This preview shows how black text looks on a background with the HunterLab color 44.6492, -3.2530, 2.1341.



This preview shows how white text looks on a background with the HunterLab color 44.6492, -3.2530,



# 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

44.6492, -3.2530, 2.1341

### Protanopia

44.6721, -1.7945, 2.6246

### Deuteranopia

44.4327, 3.1113, 1.5441



## Tritanopia

44.6872, -1.2144, -1.4485

# Trichromacy



**Original Color**

44.6492, -3.2530, 2.1341

**Protanomaly**

44.5882, -2.0855, 2.5210

**Deuteranomaly**

44.5225, 0.6352, 1.6083

**Tritanomaly**

44.5965, -1.7093, -0.1615

# Monochromacy



**Original Color**

44.6492, -3.2530, 2.1341

**Achromatopsia**

44.5050, -2.3747, 2.4180

**Achromatomaly**

44.4225, -2.6620, 2.3158

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 44.6492, -3.2530, 2.1341 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(121, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 124, 124)  
}
```

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(121, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 124, 124) }
```

## Border

The CSS property to change the border of an element to HunterLab 44.6492, -3.2530, 2.1341 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(121, 124, 124) }
```



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

```
.border{ border-color:rgb(121, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 124,  
124) }
```

# Background

The CSS property to change the background color of an element to HunterLab 44.6492, -3.2530, 2.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 124, 124) }
```

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

```
.background{ background-color: rgb(121,  
124, 124) }
```

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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