

Converting Colors

HunterLab(49.7891, -1.1011,
6.7504)

Have a look what the booklet for
HunterLab(49.7891, -1.1011, 6.7504)
contains.

HunterLab(49.7891, -1.1011, 6.7504)	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(49.7891, -1.1011,
6.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	90877F
RGB	144, 135, 127
RGB Percent	56%, 53%, 50%
CMY	0.4353, 0.4706, 0.5020
CMYK	0.00, 0.06, 0.12, 0.44
HSL	28°, 7%, 53%
HSV	28°, 12%, 56%
XYZ	23.9963, 24.7895, 23.5988
YIQ	136.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

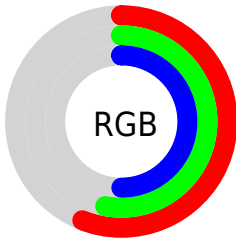
Format	Color
R_{YB}	144, 142, 127
Decimal	9471871
CIE Lab	56.87, 1.92, 5.50
CIE LCh	57, 5.827, 70.784
Yxy	24.7906, 0.3315, 0.3425
Android (android.graphics.Color)	4287661951 (0xFF90877F)
YUV	136.7790, -4.8210, 6.3328
Hunter-Lab	49.7891, -1.1011, 6.7504

Details

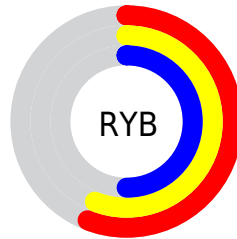
The HunterLab color $49.7891, -1.1011, 6.7504$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49.1259, -3.8871, -1.6420$, and the grayscale version is $49.9453, -2.6650, 2.7136$.

A 20% lighter version of the original color is $71.6013, -1.8750, 8.3320$, and $30.7030, -0.0126, 5.0001$ is the 20% darker color. If you saturate the color by 10%, you get $47.3184, 0.5563, 9.7391$, and if you desaturate by 10%, it is $52.3420, -2.5717, 3.4860$.

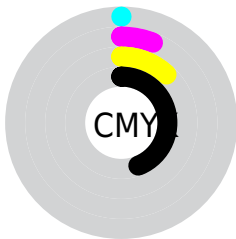
Distribution



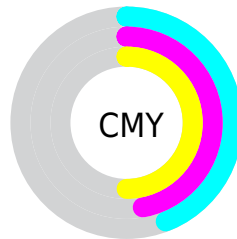
- Red (56%)
- Green (53%)
- Blue (50%)



- Red (56%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7891, -1.1011, 6.7504 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 49.7891, -1.1011, 6.7504 by changing the saturation by 10% instead.

■ 49.7891, -1.1011,
6.7504

■ 49.7891, -1.1011,
6.7504

166.3712, -6.5663,
15.2469

■ 39.9013, -0.6837,
5.8989

■ 71.6361, -2.0709,
8.5050

■ 30.7707, -0.3143,
5.0594

■ 83.5125, -2.6140,
9.4095

■ 22.4676, -0.0008,
4.2271

■ 95.9811, -3.1930,
10.3333

■ 15.0845, 0.2477,
3.3910

109.0150, -3.8060,
11.2767

■ 8.7215, 0.4924,
3.0900

122.5907, -4.4512,
12.2398

0.0000, NaN, NaN

136.6874, -5.1272,

0.0000, NaN, NaN

13.2225

0.0000, NaN, NaN

151.2865, -5.8326,
14.2250

0.0000, NaN, NaN

■ 49.7891, -1.1011,
6.7504

■ 49.7891, -1.1011,
6.7504

■ 47.3184, 0.5563,
9.7391

■ 52.3420, -2.5717,
3.4860

■ 44.9339, 2.4190,
12.4176

■ 54.9675, -3.8660,
-0.0277

■ 42.6445, 4.4988,
14.7515

■ 57.6608, -4.9999,
-3.7646

■ 40.4591, 6.8059,
16.7033

■ 60.4170, -5.9869,
-7.7026

■ 38.3870, 9.3458,
18.2348

■ 63.2315, -6.8398,
-11.8223

■ 36.4383, 12.1159,
19.3109

■ 66.1002, -7.5704,
-16.1069

■ 34.6230, 15.1021,
19.9052

■ 69.0195, -8.1893,
-20.5418

■ 32.9507, 18.2739,
20.0096

■ 71.9862, -8.7063,
-25.1142

■ 31.6829, 20.9293,
19.8892

■ 74.9284, -9.5135,
-28.8580

Harmonies

Analogous

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



49.7902, 0.9507, 5.5440



49.7891, -1.1011, 6.7504



49.7902, -3.5360, 6.9065

Triad

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



49.7902, -1.1025, 6.7512



49.7902, -7.1941, 1.8661



49.7902, 0.4491, -0.7965

Complementary

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



49.7891, -1.1011, 6.7504



49.1259, -3.8871, -1.6420

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.



49.7902, -1.7766, -1.8864



49.7891, -1.1011, 6.7504



49.7902, -6.1694, -0.3006

Square

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



49.7902, -1.1025, 6.7512



49.7902, -7.0216, 4.1599



49.7902, -4.1973, -1.7006



49.7902, 1.8584, 1.2156

Rectangle

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



49.7891, -1.1011, 6.7504



49.7902, -5.0428, 6.4014



49.7902, -4.1973, -1.7006



49.7902, -0.2302, -1.2872

Sweetspot

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



49.7902, -1.1025, 6.7512



68.7330, -2.9922, 5.6472



47.8413, 4.1075, 0.6537



32.8010, -1.3699, 2.8514



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.7902, -1.1025, 6.7512



65.2995, -0.9417, 9.9867



52.1892, -5.0716, 9.2591



24.1174, -0.7204, 2.8284



29.6439, 19.3448, 18.6051



3.5713, 0.4901, 2.2092

Inverse Universe

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



49.1259, -3.8871, -1.6420



64.2345, -5.4038, -3.4693



46.7456, 0.1011, -4.6604



23.8700, -1.7577, -0.2969



25.1544, 3.3163, -38.5998



3.2351, -0.9240, -2.0488

Previews

White Background



This preview shows how the HunterLab color 49.7891, -1.1011, 6.7504 looks on a white background.

Color Contrast Check

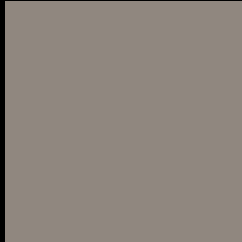
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7891, -1.1011, 6.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

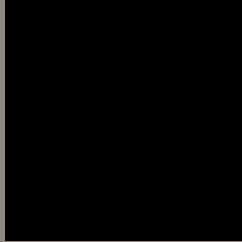
Any Text WCAG AA ✓ Pass

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 49.7891, -1.1011, 6.7504 Background



This preview shows how black text looks on a background with the HunterLab color 49.7891, -1.1011, 6.7504.



This preview shows how white text looks on a background with the HunterLab color 49.7891, -1.1011,

6.7504.

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

49.7891, -1.1011, 6.7504

Protanopia

49.8293, -2.3562, 6.3638

Deuteranopia

49.8331, 3.3599, 6.4681



Tritanopia

49.8690, 2.9277, -0.1155

Trichromacy



Original Color

49.7891, -1.1011, 6.7504

Protanomaly

49.9175, -2.0499, 6.4666

Deuteranomaly

49.8173, 1.9009, 6.4251

Tritanomaly

49.8759, 1.1782, 2.6199

Monochromacy



Original Color

49.7891, -1.1011, 6.7504

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.8771, -1.9197, 4.3223

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7891, -1.1011, 6.7504 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(144, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(144, 135, 127)  
}
```

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(144, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 135, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7891, -1.1011, 6.7504 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(144, 135, 127) }
```


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

```
.border{ border-color:rgb(144, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(144, 135,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7891, -1.1011, 6.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 135, 127) }
```

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

```
.background{ background-color: rgb(144,  
135, 127) }
```

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