

Converting Colors

HunterLab(47.8648, -18.3176,
26.5420)

Have a look what the booklet for
HunterLab(47.8648, -18.3176,
26.5420) contains.

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Color

**HunterLab(47.8637,
-18.4083, 26.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	788C29
RGB	120, 140, 41
RGB Percent	47%, 55%, 16%
CMY	0.5294, 0.4510, 0.8392
CMYK	0.14, 0.00, 0.71, 0.45
HSL	72°, 55%, 35%
HSV	72°, 71%, 55%
XYZ	17.5241, 22.9093, 5.5961
YIQ	122.7340, 19.8590, -35.0290

Conversions

Conversions Part 2

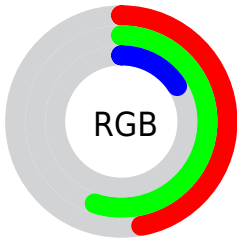
Format	Color
RYB	41, 140, 61
Decimal	7900201
CIELab	54.98, -21.37, 48.02
CIElCh	55, 52.556, 113.988
Yxy	22.9104, 0.3807, 0.4977
Android (android.graphics.Color)	4286090281 (0xFF788C29)
YUV	122.7340, -40.2949, -2.3977
Hunter-Lab	47.8637, -18.4083, 26.5725

Details

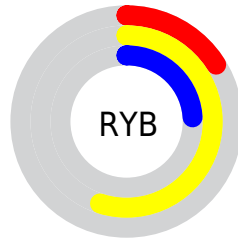
The HunterLab color $47.8637, -18.4083, 26.5725$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $21.1471, 25.8928, -56.0822$, and the grayscale version is $44.5488, -2.3770, 2.4204$.

A 20% lighter version of the original color is $69.6332, -22.0207, 33.7045$, and $29.2255, -14.2537, 17.7591$ is the 20% darker color. If you saturate the color by 10%, you get $47.5711, -19.7025, 27.6756$, and if you desaturate by 10%, it is $48.1990, -16.9013, 24.9574$.

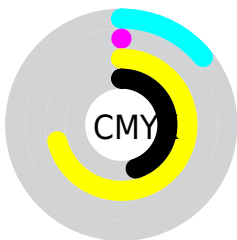
Distribution



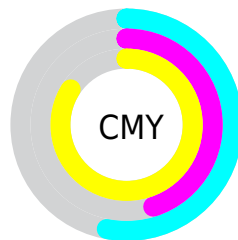
- Red (47%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (24%)



- Cyan (14%)
- Magenta (0%)
- Yellow (71%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8637, -18.4083, 26.5725 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 47.8637, -18.4083, 26.5725 by changing the saturation by 10% instead.

■ 47.8637, -18.4083,
26.5725

■ 47.8637, -18.4083,
26.5725

163.4822,
-33.5731, 54.7443

■ 38.1148, -16.5583,
22.7345

■ 69.4594, -21.9416,
33.6405

■ 29.1348, -14.6184,
18.6453

■ 81.2205, -23.6513,
36.9389

■ 20.9976, -12.5484,
14.6983

■ 93.5792, -25.3363,
40.1155

■ 13.8017, -10.2747,
9.6612

■ 106.5082,
-27.0030, 43.1900

■ 7.4250, -12.9358,
5.1975

■ 119.9831,
-28.6566, 46.1784

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.9827,

-30.3008, 49.0935

0.0000, NaN, NaN

148.4881,
-31.9388, 51.9459

0.0000, NaN, NaN

■ 47.8637, -18.4083,
26.5725

■ 47.8637, -18.4083,
26.5725

■ 47.5711, -19.7025,
27.6756

■ 48.1990, -16.9013,
24.9574

■ 47.3145, -20.7963,
28.3137

■ 48.5763, -15.1660,
22.7942

■ 47.0991, -21.6927,
28.6425

■ 48.9988, -13.1966,
20.0583

■ 49.4680, -10.9896,
16.7335

■ 49.9852, -8.5443,
12.8109

■ 50.5511, -5.8627,
8.2884

■ 51.1661, -2.9489,
3.1698

■ 51.8305, 0.1910,
-2.5363

■ 52.5443, 3.5493,
-8.8166

Harmonies

Analogous

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



47.8648, 1.9060, 27.6949



47.8637, -18.4083, 26.5725



47.8648, -31.9224, 20.5993

Triad

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



47.8648, -18.4097, 26.5728



47.8648, -24.7607, -42.0787



47.8648, 46.5778, -1.7546

Complementary

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



47.8637, -18.4083, 26.5725



21.1471, 25.8928, -56.0822

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.



47.8648, 36.2170, -27.2089



47.8637, -18.4083, 26.5725



47.8648, -6.8613, -56.3023

Square

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



47.8648, -18.4097, 26.5728



47.8648, -35.1047, -16.5694



47.8648, 15.6730, -49.9039



47.8648, 41.9932, 16.1288

Rectangle

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



47.8637, -18.4083, 26.5725



47.8648, -36.5060, 12.3372



47.8648, 15.6730, -49.9039



47.8648, 44.6770, -9.7280

Sweetspot

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



47.8648, -18.4097, 26.5728



66.3162, -11.5925, 17.4170



30.0872, 23.7278, 14.8204



31.7515, -5.9525, 8.9931



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



47.8648, -18.4097, 26.5728



62.9505, -27.0728, 37.3302



44.9953, -29.7255, 24.4408



24.0724, -2.5761, 3.5757



44.4051, -20.4112, 27.0049



3.7010, -1.3500, 2.2569

Inverse Universe

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



21.1471, 25.8928, -56.0822



22.4421, 44.2477, -100.9615



26.1039, 36.3417, -39.6350



22.2211, 0.1768, -1.2618



13.8297, 35.8487, -85.3635



1.3351, 3.1236, -5.6261

Previews

White Background



This preview shows how the HunterLab color 47.8637, -18.4083, 26.5725 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 47.8637, -18.4083, 26.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

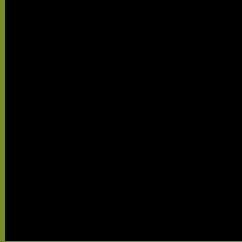
Any Text WCAG AA ✓ Pass

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 47.8637, -18.4083, 26.5725 Background



This preview shows how black text looks on a background with the HunterLab color 47.8637, -18.4083, 26.5725.



This preview shows how white text looks on a background with the HunterLab color 47.8637, -18.4083, 26.5725.

-18.4083, 26.5725.

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

47.8637, -18.4083, 26.5725

Protanopia

47.8038, -6.5490, 26.9612

Deuteranopia

47.7127, 3.1349, 26.1133



Tritanopia

47.8555, -1.2030, -1.7531

Trichromacy



Original Color

47.8637, -18.4083, 26.5725

Protanomaly

47.7488, -11.1737, 26.7343

Deuteranomaly

47.3821, -5.0533, 26.0016

Tritanomaly

47.4402, -8.9752, 12.3724

Monochromacy



Original Color

47.8637, -18.4083, 26.5725

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.4185, -9.3216, 14.3047

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8637, -18.4083, 26.5725 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(120, 140, 41)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 41)  
}
```

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(120, 140, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8637, -18.4083, 26.5725 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(120, 140, 41) }
```


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

```
.border{ border-color:rgb(120, 140, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 140, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 140, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 140, 41);  
box-shadow:4px 4px 4px 4px rgb(120, 140,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8637, -18.4083, 26.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 41) }
```

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

```
.background{ background-color: rgb(120,  
140, 41) }
```

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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