

Converting Colors

HunterLab(41.9420, -24.6115,
1.2150)

Have a look what the booklet for
HunterLab(41.9420, -24.6115,
1.2150) contains.

HunterLab(41.9277, -24.5785, 1.1683)	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(41.9277,
-24.5785, 1.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	068376
RGB	6, 131, 118
RGB Percent	2%, 51%, 46%
CMY	0.9764, 0.4863, 0.5373
CMYK	0.95, 0.00, 0.10, 0.49
HSL	174°, 91%, 27%
HSV	174°, 95%, 51%
XYZ	11.4614, 17.5793, 19.9286
YIQ	92.1430, -70.3270, -30.5430

Conversions

Conversions Part 2

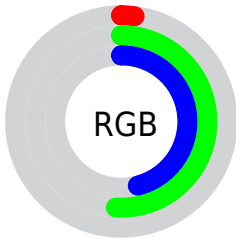
Format	Color
RYB	6, 72, 131
Decimal	426870
CIELab	48.98, -33.07, -1.52
CIELCh	49, 33.106, 182.624
Yxy	17.5800, 0.2341, 0.3590
Android (android.graphics.Color)	4278616950 (0xFF068376)
YUV	92.1430, 12.7475, -75.5474
Hunter-Lab	41.9277, -24.5785, 1.1683

Details

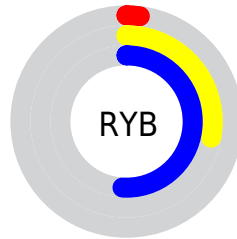
The HunterLab color **41.9277, -24.5785, 1.1683** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **22.3675, 37.0157, 12.7961**, and the grayscale version is **32.7422, -1.7470, 1.7789**.

A 20% lighter version of the original color is **62.8006, -29.8272, 2.2710**, and **25.1536, -15.2932, 1.5739** is the 20% darker color. If you saturate the color by 10%, you get **41.8645, -24.8709, 1.3622**, and if you desaturate by 10%, it is **42.0873, -23.8655, 0.7682**.

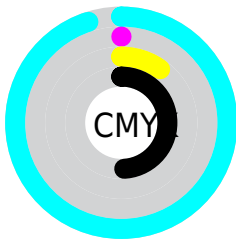
Distribution



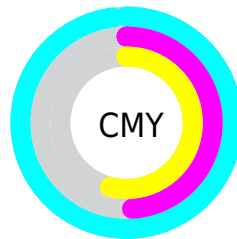
- Red (2%)
- Green (51%)
- Blue (46%)



- Red (2%)
- Yellow (28%)
- Blue (51%)



- Cyan (95%)
- Magenta (0%)
- Yellow (10%)
- Black (49%)



- Cyan (98%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9277, -24.5785, 1.1683 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 41.9277, -24.5785, 1.1683 by changing the saturation by 10% instead.

■ 41.9277, -24.5785,
1.1683

■ 41.9277, -24.5785,
1.1683

154.4321,
-45.2667, 6.7000

■ 32.6326, -21.8365,
0.7495

■ 62.7059, -29.6409,
2.1439

■ 24.1480, -18.8814,
0.3825

■ 74.0934, -32.0261,
2.6926

■ 16.5612, -15.6138,
0.0750

■ 86.0973, -34.3416,
3.2785

■ 9.9947, -15.0289,
-0.1614

■ 98.6874, -36.6015,
3.8993

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.8376,
-38.8165, 4.5534

0.0000, NaN, NaN

■ 125.5249,

0.0000, NaN, NaN

-40.9948, 5.2390

0.0000, NaN, NaN

139.7292,
-43.1431, 5.9550

■ 41.9277, -24.5785,
1.1683

■ 41.9277, -24.5785,
1.1683

■ 41.8645, -24.8709,
1.3622

■ 42.0873, -23.8655,
0.7682

■ 42.3290, -22.8256,
0.4690

■ 42.6679, -21.4093,
0.2916

■ 43.1121, -19.5963,
0.2474

■ 43.6671, -17.3792,
0.3441

■ 44.3366, -14.7621,
0.5855

■ 45.1224, -11.7583,
0.9725

■ 46.0250, -8.3886,
1.5027

■ 47.0433, -4.6797,
2.1713

Harmonies

Analogous

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



41.9285, -22.3696, 11.8844



41.9277, -24.5785, 1.1683



41.9285, -21.4388, -12.8240

Triad

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



41.9285, -24.5786, 1.1688



41.9285, 12.2442, -23.3731



41.9285, 10.0008, 18.4877

Complementary

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



41.9277, -24.5785, 1.1683



22.3675, 37.0157, 12.7961

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.



41.9285, 21.1895, 13.2670



41.9277, -24.5785, 1.1683



41.9285, 22.5926, -10.3181

Square

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



41.9285, -24.5786, 1.1688



41.9285, -1.0784, -29.4585



41.9285, 26.0499, 3.3660



41.9285, -3.3880, 19.8726

Rectangle

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



41.9277, -24.5785, 1.1683



41.9285, -16.4789, -21.6133



41.9285, 26.0499, 3.3660



41.9285, 14.1972, 17.2231

Sweetspot

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



41.9285, -24.5786, 1.1688



59.9151, -17.5082, 1.0572



40.4986, -33.6276, 24.1136



28.7261, -9.1526, 0.4219



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



41.9285, -24.5786, 1.1688



56.0104, -33.3532, 1.9918



28.0673, -2.8685, -28.1163



22.9581, -3.0019, 0.9381



41.5352, -24.6735, 1.3477



2.4569, -1.3792, -0.0935

Inverse Universe

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



22.3675, 37.0157, 12.7961



29.4687, 50.6116, 17.9128



27.3313, 22.1105, 16.8540



21.6703, 0.7156, 1.5325



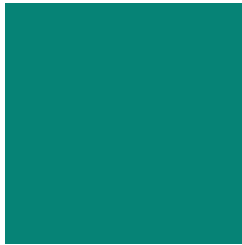
21.8637, 37.5815, 13.0487



1.3052, 2.2798, 0.4982

Previews

White Background



This preview shows how the HunterLab color 41.9277, -24.5785, 1.1683 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 41.9277, -24.5785, 1.1683 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 41.9277, -24.5785, 1.1683 Background



This preview shows how black text looks on a background with the HunterLab color 41.9277, -24.5785, 1.1683.



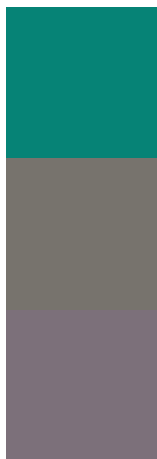
This preview shows how white text looks on a background with the HunterLab color 41.9277, -24.5785, 1.1683.

-24.5785, 1.1683.

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

41.9277, -24.5785, 1.1683

Protanopia

41.5783, -1.9309, 4.9554

Deuteranopia

41.5675, 2.9176, -0.5978



Tritanopia

41.9683, -18.2962, -8.4284

Trichromacy



Original Color

41.9277, -24.5785, 1.1683

Protanomaly

40.5762, -14.2425, 2.3545

Deuteranomaly

40.4023, -11.3192, -1.8481

Tritanomaly

41.8729, -20.7430, -4.9656

Monochromacy



Original Color

41.9277, -24.5785, 1.1683

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.9854, -13.1242, 0.4629

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9277, -24.5785, 1.1683 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(6, 131, 118)` looks like.

```
.text, #text, p{  
    color:rgb(6, 131, 118)  
}
```

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(6, 131, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 131, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9277, -24.5785, 1.1683 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(6, 131, 118) }
```


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

```
.border{ border-color:rgb(6, 131, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 131, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 131, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 131, 118);  
box-shadow:4px 4px 4px 4px rgb(6, 131,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9277, -24.5785, 1.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 131, 118) }
```

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

```
.background{ background-color: rgb(6, 131,  
118) }
```

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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