

Converting Colors

HunterLab(40.1359, -22.0755,
3.9945)

Have a look what the booklet for
HunterLab(40.1359, -22.0755,
3.9945) contains.

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Color

**HunterLab(40.2495,
-22.0883, 3.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	297D6B
RGB	41, 125, 107
RGB Percent	16%, 49%, 42%
CMY	0.8392, 0.5098, 0.5804
CMYK	0.67, 0.00, 0.14, 0.51
HSL	167°, 51%, 33%
HSV	167°, 67%, 49%
XYZ	10.9019, 16.2002, 16.4623
YIQ	97.8320, -44.2860, -23.4060

Conversions

Conversions Part 2

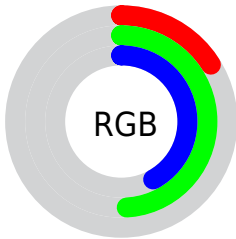
Format	Color
R_{YB}	41, 88, 125
Decimal	2719083
CIE _{Lab}	47.24, -29.63, 2.48
CIE _{LCh}	47, 29.737, 175.213
Yxy	16.2009, 0.2503, 0.3719
Android (android.graphics.Color)	4280909163 (0xFF297D6B)
YUV	97.8320, 4.5198, -49.8417
Hunter-Lab	40.2495, -22.0883, 3.9246

Details

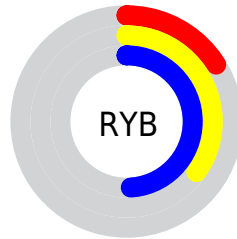
The HunterLab color **40.2495, -22.0883, 3.9246** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25.0241, 27.8269, 6.1020**, and the grayscale version is **34.8819, -1.8612, 1.8952**.

A 20% lighter version of the original color is **60.7049, -26.7773, 5.3435**, and **23.1482, -14.8181, 3.0548** is the 20% darker color. If you saturate the color by 10%, you get **39.9097, -23.5875, 4.5950**, and if you desaturate by 10%, it is **40.6906, -20.2089, 3.3576**.

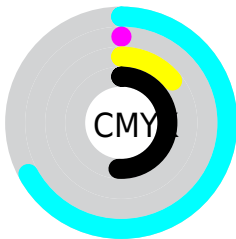
Distribution



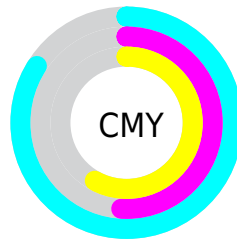
- Red (16%)
- Green (49%)
- Blue (42%)



- Red (16%)
- Yellow (35%)
- Blue (49%)



- Cyan (67%)
- Magenta (0%)
- Yellow (14%)
- Black (51%)



- Cyan (84%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2495, -22.0883, 3.9246 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 40.2495, -22.0883, 3.9246 by changing the saturation by 10% instead.

40.2495, -22.0883,
3.9246

40.2495, -22.0883,
3.9246

151.8302,
-41.2480, 11.0005

31.0908, -19.5708,
3.2766

60.7837, -26.7470,
5.3092

22.7559, -16.8589,
2.6574

72.0601, -28.9480,
6.0437

15.3371, -13.8565,
2.0662

83.9587, -31.0890,
6.8056

8.9508, -14.9045,
1.6364

96.4484, -33.1827,
7.5941

0.0000, NaN, NaN

0.0000, NaN, NaN

109.5025,
-35.2387, 8.4085

0.0000, NaN, NaN

123.0977,

0.0000, NaN, NaN

-37.2645, 9.2481

0.0000, NaN, NaN

137.2131,
-39.2660, 10.1124

■ 40.2495, -22.0883,
3.9246

■ 40.2495, -22.0883,
3.9246

■ 39.9097, -23.5875,
4.5950

■ 40.6906, -20.2089,
3.3576

■ 39.6614, -24.7242,
5.3530

■ 41.2360, -17.9429,
2.9036

■ 39.4849, -25.5723,
6.1707

■ 41.8898, -15.2957,
2.5714

■ 39.4382, -25.7990,
6.3983

■ 42.6538, -12.2818,
2.3662

■ 43.5281, -8.9225,
2.2902

■ 44.5119, -5.2444,
2.3435

■ 45.6029, -1.2775,
2.5235

■ 46.7984, 2.9469,
2.8262

■ 48.0948, 7.3971,
3.2458

Harmonies

Analogous

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



40.2503, -18.9102, 12.5314



40.2495, -22.0883, 3.9246



40.2503, -20.4406, -7.9592

Triad

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



40.2503, -22.0886, 3.9251



40.2503, 7.8205, -22.1818



40.2503, 11.4118, 16.0331

Complementary

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



40.2495, -22.0883, 3.9246



25.0241, 27.8269, 6.1020

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.



40.2503, 20.1328, 10.2364



40.2495, -22.0883, 3.9246



40.2503, 17.9000, -11.9246

Square

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



40.2503, -22.0886, 3.9251



40.2503, -3.9980, -25.2765



40.2503, 22.6318, 0.3760



40.2503, -0.2677, 18.1412

Rectangle

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



40.2495, -22.0883, 3.9246



40.2503, -16.7159, -16.0085



40.2503, 22.6318, 0.3760



40.2503, 14.8365, 14.5482

Sweetspot

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



40.2503, -22.0886, 3.9251



57.8472, -13.4657, 3.0790



39.7038, -26.5474, 20.8674



27.4602, -6.9170, 1.4785



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.



40.2503, -22.0886, 3.9251



53.2001, -32.4971, 6.7202



33.6139, -9.4929, -13.6771



22.0717, -2.9751, 1.1572



40.2886, -26.3641, 6.5552

0.0000, NaN, NaN

Inverse Universe

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



25.0241, 27.8269, 6.1020



30.1783, 44.3901, 11.1535



28.7720, 16.2613, 13.6903



20.8763, 0.7683, 1.2258



21.5201, 37.2285, 11.0012

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.2495, -22.0883, 3.9246 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 40.2495, -22.0883, 3.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

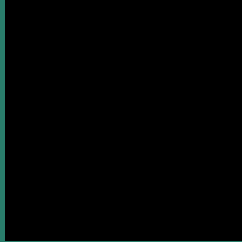
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.2495, -22.0883, 3.9246 Background



This preview shows how black text looks on a background with the HunterLab color 40.2495, -22.0883, 3.9246.



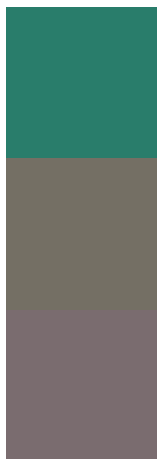
This preview shows how white text looks on a background with the HunterLab color 40.2495,

-22.0883, 3.9246.

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

40.2495, -22.0883, 3.9246

Protanopia

40.0025, -2.2359, 6.7404

Deuteranopia

40.0130, 2.5043, 2.4155



Tritanopia

40.3582, -15.4625, -6.9477

Trichromacy



Original Color

40.2495, -22.0883, 3.9246

Protanomaly

39.4891, -11.1864, 4.8709

Deuteranomaly

39.3543, -8.3362, 1.8792

Tritanomaly

40.2485, -18.0372, -2.6380

Monochromacy



Original Color

40.2495, -22.0883, 3.9246

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

36.3902, -10.8440, 2.1740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2495, -22.0883, 3.9246 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(41, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(41, 125, 107)  
}
```

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(41, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 125, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2495, -22.0883, 3.9246 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(41, 125, 107) }
```


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

```
.border{ border-color:rgb(41, 125, 107) }
```

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

Here you see how a box with a 4 pixel rgb(41, 125, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(41, 125,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2495, -22.0883, 3.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 125, 107) }
```

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

```
.background{ background-color: rgb(41, 125,  
107) }
```

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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