

Converting Colors

HunterLab(37.9705, -35.4145,
-9.0223)

Have a look what the booklet for
HunterLab(37.9705, -35.4145,
-9.0223) contains.

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Color

**HunterLab(41.2272,
-21.8567, -4.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	008080
RGB	0, 128, 128
RGB Percent	0%, 50%, 50%
CMY	0.9999, 0.4980, 0.4980
CMYK	1.00, 0.00, 0.00, 0.50
HSL	180°, 100%, 25%
HSV	180°, 100%, 50%
XYZ	11.6154, 16.9968, 23.0905
YIQ	89.7280, -76.2880, -27.1360

Conversions

Conversions Part 2

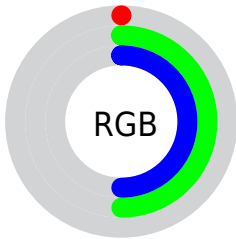
Format	Color
RYB	0, 64, 128
Decimal	32896
CIELab	48.26, -28.84, -8.48
CIELCh	48, 30.062, 196.385
Yxy	16.9975, 0.2247, 0.3287
Android (android.graphics.Color)	4278222976 (0xFF008080)
YUV	89.7280, 18.8681, -78.6915
Hunter-Lab	41.2272, -21.8567, -4.3481

Details

The HunterLab color **41.2272, -21.8567, -4.3481** is a dark color, and the websafe version is hex **339999**, and the color name is **teal**. A complement of this color would be **21.4236, 36.6846, 13.8420**, and the grayscale version is **31.8300, -1.6984, 1.7294**.

A 20% lighter version of the original color is **61.7882, -26.2461, -4.3345**, and **24.5220, -12.8092, -2.9989** is the 20% darker color. If you saturate the color by 10%, you get **41.2278, -21.8572, -4.3477**, and if you desaturate by 10%, it is **41.3298, -21.4545, -4.2054**.

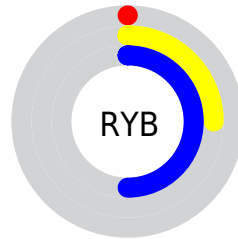
Distribution



Red (0%)

Green (50%)

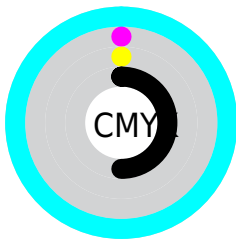
Blue (50%)



Red (0%)

Yellow (25%)

Blue (50%)

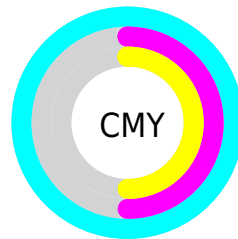


Cyan (100%)

Magenta (0%)

Yellow (0%)

Black (50%)



Cyan (100%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2272, -21.8567, -4.3481 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 41.2272, -21.8567, -4.3481 by changing the saturation by 10% instead.

■ 41.2272, -21.8567,
-4.3481

■ 41.2272, -21.8567,
-4.3481

153.3485,
-40.5992, -1.4278

■ 31.9886, -19.4131,
-4.3995

■ 61.9043, -26.3936,
-4.0456

■ 23.5659, -16.7896,
-4.3742

■ 73.2457, -28.5428,
-3.8085

■ 16.0485, -13.8984,
-4.2605

■ 85.2059, -30.6362,
-3.5203

■ 9.5623, -13.6589,
-4.0476

■ 97.7544, -32.6858,
-3.1849

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 110.8647,
-34.7005, -2.8054

0.0000, NaN, NaN

■ 124.5138,

0.0000, NaN, NaN

-36.6875, -2.3846

0.0000, NaN, NaN

138.6812,
-38.6522, -1.9247

■ 41.2272, -21.8567,
-4.3481

■ 41.2272, -21.8567,
-4.3481

■ 41.2278, -21.8572,
-4.3477

■ 41.3298, -21.4545,
-4.2054

■ 41.4873, -20.8347,
-3.9864

■ 41.7341, -19.8684,
-3.6448

■ 42.0795, -18.5275,
-3.1705

■ 42.5299, -16.7967,
-2.5579

■ 43.0901, -14.6721,
-1.8055

■ 43.7629, -12.1599,
-0.9150

■ 44.5495, -9.2746,
0.1088

■ 45.4500, -6.0374,
1.2588

Harmonies

Analogous

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



41.2280, -22.0851, 7.0254



41.2272, -21.8567, -4.3481



41.2280, -16.7662, -16.7256

Triad

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



41.2280, -21.8567, -4.3475



41.2280, 15.6175, -15.6735



41.2280, 3.2975, 18.2364

Complementary

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



41.2272, -21.8567, -4.3481



21.4236, 36.6846, 13.8420

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.



41.2280, 14.7148, 15.0506



41.2272, -21.8567, -4.3481



41.2280, 22.3513, -3.1887

Square

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



41.2280, -21.8567, -4.3475



41.2280, 4.4217, -24.4231



41.2280, 22.0035, 7.9002



41.2280, -8.4323, 18.0888

Rectangle

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



41.2272, -21.8567, -4.3481



41.2280, -10.9349, -22.9526



41.2280, 22.0035, 7.9002



41.2280, 7.3242, 17.5694

Sweetspot

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



41.2280, -21.8567, -4.3475



58.0003, -16.3854, -1.3029



39.3099, -33.6173, 23.6334



27.9046, -8.5226, -0.8411



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



41.2280, -21.8567, -4.3475



54.7043, -29.0019, -5.7689



23.3917, 3.7292, -37.2854



22.1063, -2.7828, 0.6638



41.0531, -21.7646, -4.3293

0.0000, NaN, NaN

Inverse Universe

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



21.4236, 36.6846, 13.8420



28.4253, 48.6793, 18.3677



28.3216, 17.3604, 17.7546



20.8429, 0.5883, 1.7023



21.3319, 36.5316, 13.7841

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.2272, -21.8567, -4.3481 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 41.2272, -21.8567, -4.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

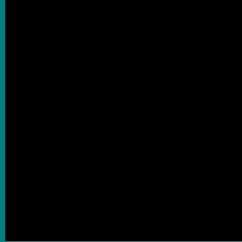
Any Text WCAG AA × Fail

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 41.2272, -21.8567, -4.3481 Background



This preview shows how black text looks on a background with the HunterLab color 41.2272, -21.8567, -4.3481.



This preview shows how white text looks on a background with the HunterLab color 41.2272,

-21.8567, -4.3481.

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

41.2272, -21.8567, -4.3481

Protanopia

41.2448, -1.1274, 0.3066

Deuteranopia

41.0082, 3.0401, -6.2394



Tritanopia

41.4331, -18.8368, -8.6658

Trichromacy



Original Color

41.2272, -21.8567, -4.3481

Protanomaly

40.0191, -12.6849, -2.8412

Deuteranomaly

39.7707, -9.9859, -7.6797

Tritanomaly

41.2329, -19.8216, -7.3709

Monochromacy



Original Color

41.2272, -21.8567, -4.3481

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

34.3074, -12.5018, -1.7125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2272, -21.8567, -4.3481 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(0, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 128)  
}
```

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(0, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2272, -21.8567, -4.3481 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(0, 128, 128) }
```


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

```
.border{ border-color:rgb(0, 128, 128) }
```

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

Here you see how a box with a 4 pixel rgb(0, 128, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.2272, -21.8567, -4.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 128) }
```

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

```
.background{ background-color: rgb(0, 128,  
128) }
```

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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