

Converting Colors

HunterLab(48.8443, -32.2556,
9.7732)

Have a look what the booklet for
HunterLab(48.8443, -32.2556,
9.7732) contains.

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Color

**HunterLab(48.7810,
-32.2358, 9.7804)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9873
RGB	15, 152, 115
RGB Percent	6%, 60%, 45%
CMY	0.9411, 0.4039, 0.5490
CMYK	0.90, 0.00, 0.24, 0.40
HSL	164°, 82%, 33%
HSV	164°, 90%, 60%
XYZ	14.5198, 23.7959, 20.0474
YIQ	106.8190, -69.7750, -40.5510

Conversions

Conversions Part 2

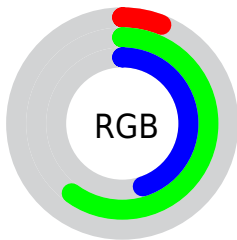
Format	Color
RYB	15, 94, 152
Decimal	1022067
CIELab	55.88, -42.55, 10.16
CIELCh	56, 43.749, 166.575
Yxy	23.7968, 0.2488, 0.4077
Android (android.graphics.Color)	4279212147 (0xFF0F9873)
YUV	106.8190, 4.0332, -80.5253
Hunter-Lab	48.7810, -32.2358, 9.7804

Details

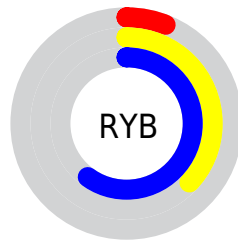
The HunterLab color **48.7810, -32.2358, 9.7804** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **26.9549, 43.8207, 10.2272**, and the grayscale version is **38.2815, -2.0426, 2.0799**.

A 20% lighter version of the original color is **70.4197, -38.3076, 11.9405**, and **30.8538, -21.7682, 8.4266** is the 20% darker color. If you saturate the color by 10%, you get **48.5838, -33.2358, 11.0210**, and if you desaturate by 10%, it is **49.0622, -30.8979, 8.5592**.

Distribution



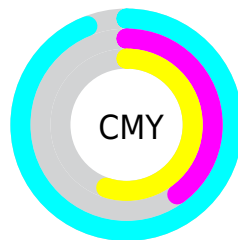
- Red (6%)
- Green (60%)
- Blue (45%)



- Red (6%)
- Yellow (37%)
- Blue (60%)



- Cyan (90%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



- Cyan (94%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7810, -32.2358, 9.7804 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 48.7810, -32.2358, 9.7804 by changing the saturation by 10% instead.

■ 48.7810, -32.2358,
9.7804

■ 48.7810, -32.2358,
9.7804

164.8610,
-56.9202, 20.1755

■ 38.9653, -28.9410,
8.6428

■ 70.4971, -38.3238,
12.0419

■ 29.9130, -25.4049,
7.4876

■ 82.3134, -41.1858,
13.1757

■ 21.6961, -21.5344,
6.2989

■ 94.7248, -43.9577,
14.3161

■ 14.4101, -17.3823,
5.0469

■ 107.7040,
-46.6553, 15.4653

■ 8.0707, -14.1238,
5.6495

■ 121.2272,
-49.2914, 16.6248

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.2733,

-51.8758, 17.7958

0.0000, NaN, NaN

149.8235,
-54.4166, 18.9791

0.0000, NaN, NaN

■ 48.7810, -32.2358,
9.7804

■ 48.7810, -32.2358,
9.7804

■ 48.5838, -33.2358,
11.0210

■ 49.0622, -30.8979,
8.5592

■ 49.4570, -29.1003,
7.4175

■ 49.9778, -26.8123,
6.3776

■ 50.6323, -24.0217,
5.4579

■ 51.4260, -20.7320,
4.6729

■ 52.3615, -16.9599,
4.0336

■ 53.4396, -12.7323,
3.5474

■ 54.6592, -8.0840,
3.2179

■ 56.0180, -3.0546,
3.0457

Harmonies

Analogous

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



48.7820, -25.5450, 20.4670



48.7810, -32.2358, 9.7804



48.7820, -31.8641, -7.8483

Triad

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



48.7820, -32.2361, 9.7809



48.7820, 7.8035, -41.3414



48.7820, 23.9077, 21.1972

Complementary

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



48.7810, -32.2358, 9.7804



26.9549, 43.8207, 10.2272

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.



48.7820, 35.7474, 11.2430



48.7810, -32.2358, 9.7804



48.7820, 25.5560, -26.2814

Square

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



48.7820, -32.2361, 9.7809



48.7820, -10.4810, -42.1944



48.7820, 36.3914, -5.7393



48.7820, 5.8036, 25.2305

Rectangle

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



48.7810, -32.2358, 9.7804



48.7820, -27.6875, -21.6894



48.7820, 36.3914, -5.7393



48.7820, 28.8613, 18.6404

Sweetspot

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



48.7820, -32.2361, 9.7809



69.9187, -21.1288, 5.1711



48.2403, -36.9580, 28.5225



33.1324, -10.8707, 2.5731



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.7820, -32.2361, 9.7809



64.5219, -44.3015, 14.9876



40.4559, -14.0395, -18.8538



26.4538, -3.6943, 1.5436



44.4926, -30.3963, 10.0050



5.4945, -3.3864, 0.4427

Inverse Universe

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



26.9549, 43.8207, 10.2272



34.6989, 60.1645, 16.6724



29.2636, 33.9554, 17.7100



24.9975, 1.0548, 1.3161



23.9507, 41.5974, 10.9720



3.0203, 5.4223, 0.0148

Previews

White Background



This preview shows how the HunterLab color 48.7810, -32.2358, 9.7804 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 48.7810, -32.2358, 9.7804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

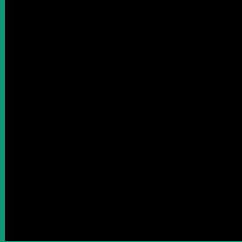
Any Text WCAG AA ✓ Pass

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 48.7810, -32.2358, 9.7804 Background



This preview shows how black text looks on a background with the HunterLab color 48.7810, -32.2358, 9.7804.



This preview shows how white text looks on a background with the HunterLab color 48.7810, -32.2358, 9.7804.

-32.2358, 9.7804.

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

48.7810, -32.2358, 9.7804

Protanopia

48.4545, -3.8477, 13.1052

Deuteranopia

48.3464, 3.5312, 8.0611



Tritanopia

48.6873, -20.0686, -9.7427

Trichromacy



Original Color

48.7810, -32.2358, 9.7804

Protanomaly

47.2157, -18.8964, 10.5954

Deuteranomaly

46.9298, -14.8228, 7.0048

Tritanomaly

48.5037, -25.1334, -1.8344

Monochromacy



Original Color

48.7810, -32.2358, 9.7804

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

40.9238, -16.1285, 3.5623

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7810, -32.2358, 9.7804 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(15, 152, 115)` looks like.

```
.text, #text, p{  
    color:rgb(15, 152, 115)  
}
```

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(15, 152, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 152, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7810, -32.2358, 9.7804 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(15, 152, 115) }
```


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

```
.border{ border-color:rgb(15, 152, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 152, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 152, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 152, 115);  
box-shadow:4px 4px 4px 4px rgb(15, 152,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7810, -32.2358, 9.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 152, 115) }
```

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

```
.background{ background-color: rgb(15, 152,  
115) }
```

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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