

Converting Colors

HunterLab(48.3715, -25.1722,
-4.9657)

Have a look what the booklet for
HunterLab(48.3715, -25.1722,
-4.9657) contains.

HunterLab(48.3937, -25.1854, -4.9462)	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(48.3937,
-25.1854, -4.9462)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9494
RGB	15, 148, 148
RGB Percent	6%, 58%, 58%
CMY	0.9411, 0.4196, 0.4196
CMYK	0.90, 0.00, 0.00, 0.42
HSL	180°, 82%, 32%
HSV	180°, 90%, 58%
XYZ	16.1322, 23.4195, 31.6871
YIQ	108.2330, -79.2680, -28.1960

Conversions

Conversions Part 2

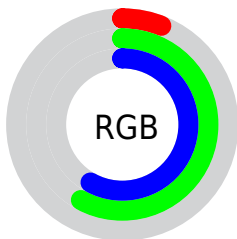
Format	Color
R_{YB}	15, 82, 148
Decimal	1021076
CIE _{Lab}	55.50, -31.36, -9.26
CIE _{LCh}	56, 32.700, 196.446
Y _{xy}	23.4204, 0.2265, 0.3287
Android (android.graphics.Color)	4279211156 (0xFF0F9494)
YUV	108.2330, 19.6051, -81.7653
Hunter-Lab	48.3937, -25.1854, -4.9462

Details

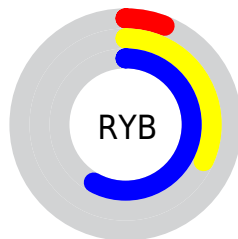
The HunterLab color **48.3937, -25.1854, -4.9462** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **25.8317, 40.9675, 15.5957**, and the grayscale version is **38.7652, -2.0684, 2.1062**.

A 20% lighter version of the original color is **70.2163, -30.0119, -4.4406**, and **30.6797, -16.2649, -3.2357** is the 20% darker color. If you saturate the color by 10%, you get **48.2909, -25.5953, -5.0903**, and if you desaturate by 10%, it is **48.5715, -24.4888, -4.6993**.

Distribution



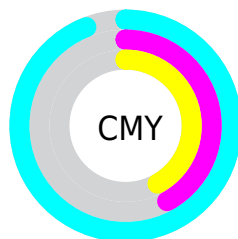
- Red (6%)
- Green (58%)
- Blue (58%)



- Red (6%)
- Yellow (32%)
- Blue (58%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3937, -25.1854, -4.9462 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 48.3937, -25.1854, -4.9462 by changing the saturation by 10% instead.

■ 48.3937, -25.1854,
-4.9462

■ 48.3937, -25.1854,
-4.9462

164.2793,
-44.7723, -1.9909

■ 38.6060, -22.6663,
-5.0124

■ 70.0590, -29.9013,
-4.6246

■ 29.5841, -19.9888,
-5.0072

■ 81.8521, -32.1457,
-4.3815

■ 21.4007, -17.0868,
-4.9208

■ 94.2413, -34.3354,
-4.0891

■ 14.1526, -13.8462,
-4.7427

■ 107.1993,
-36.4815, -3.7508

■ 7.8050, -13.6588,
-4.8188

■ 120.7022,
-38.5921, -3.3695

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 134.7287,

-40.6741, -2.9477

0.0000, NaN, NaN

149.2601,
-42.7327, -2.4875

0.0000, NaN, NaN

■ 48.3937, -25.1854,
-4.9462

■ 48.3937, -25.1854,
-4.9462

■ 48.2909, -25.5953,
-5.0903

■ 48.5715, -24.4888,
-4.6993

■ 48.2894, -25.6010,
-5.0923

■ 48.8548, -23.3794,
-4.3071

■ 49.2558, -21.8214,
-3.7561

■ 49.7827, -19.7951,
-3.0390

■ 50.4415, -17.2950,
-2.1536

■ 51.2356, -14.3280,
-1.1019

■ 52.1667, -10.9116,
0.1103

■ 53.2348, -7.0713,
1.4744

■ 54.4381, -2.8391,
2.9797

Harmonies

Analogous

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



48.3946, -25.4604, 8.1061



48.3937, -25.1854, -4.9462



48.3946, -19.3078, -19.0678

Triad

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



48.3946, -25.1855, -4.9455



48.3946, 17.8485, -17.8171



48.3946, 3.6937, 21.1060

Complementary

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



48.3937, -25.1854, -4.9462



25.8317, 40.9675, 15.5957

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.



48.3946, 16.7711, 17.4096



48.3937, -25.1854, -4.9462



48.3946, 25.5317, -3.5620

Square

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



48.3946, -25.1855, -4.9455



48.3946, 5.0382, -27.7890



48.3946, 25.1169, 9.1570



48.3946, -9.7634, 20.9263

Rectangle

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



48.3937, -25.1854, -4.9462



48.3946, -12.5919, -26.1449



48.3946, 25.1169, 9.1570



48.3946, 8.3079, 20.3313

Sweetspot

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



48.3946, -25.1855, -4.9455



68.3265, -18.0335, -1.1096



46.1913, -38.6671, 27.2051



32.4756, -9.2443, -0.7529



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



48.3946, -25.1855, -4.9455



64.1430, -34.0059, -6.7641



29.2200, 1.9621, -38.8114



25.6169, -3.2711, 0.7536



44.6287, -23.6603, -4.7063



4.9374, -2.6176, -0.5207

Inverse Universe

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



25.8317, 40.9675, 15.5957



33.3299, 57.0785, 21.5369



34.5904, 17.4746, 20.8447



24.1151, 0.7361, 1.9882



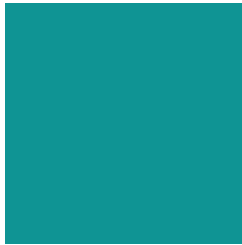
23.1899, 39.7135, 14.9847



2.5656, 4.3936, 1.6577

Previews

White Background



This preview shows how the HunterLab color 48.3937, -25.1854, -4.9462 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 48.3937, -25.1854, -4.9462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

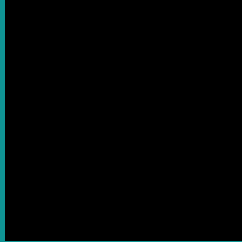
Any Text WCAG AA ✓ Pass

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 48.3937, -25.1854, -4.9462 Background



This preview shows how black text looks on a background with the HunterLab color 48.3937, -25.1854, -4.9462.



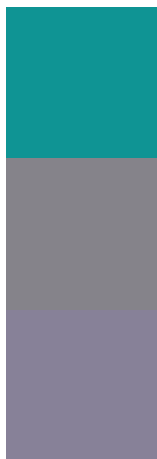
This preview shows how white text looks on a background with the HunterLab color 48.3937, -25.1854, -4.9462.

-25.1854, -4.9462.

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

48.3937, -25.1854, -4.9462

Protanopia

48.0147, -0.8382, -0.1194

Deuteranopia

48.0816, 3.1345, -6.9480



Tritanopia

48.2726, -21.6675, -10.3646

Trichromacy



Original Color

48.3937, -25.1854, -4.9462

Protanomaly

46.9233, -13.4727, -3.6577

Deuteranomaly

46.9753, -11.1324, -8.2024

Tritanomaly

48.3810, -23.1731, -8.0588

Monochromacy



Original Color

48.3937, -25.1854, -4.9462

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.2939, -13.9853, -1.7052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3937, -25.1854, -4.9462 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, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(15, 148, 148)  
}
```

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, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 148, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3937, -25.1854, -4.9462 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, 148, 148) }
```


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

```
.border{ border-color:rgb(15, 148, 148) }
```

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

Here you see how a box with a 4 pixel rgb(15, 148, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(15, 148,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3937, -25.1854, -4.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 148, 148) }
```

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

```
.background{ background-color: rgb(15, 148,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor