

Converting Colors

HunterLab(49.9226, -25.4814,
10.1656)

Have a look what the booklet for
HunterLab(49.9226, -25.4814,
10.1656) contains.

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Color

**HunterLab(49.9954,
-25.5892, 10.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9775
RGB	77, 151, 117
RGB Percent	30%, 59%, 46%
CMY	0.6980, 0.4078, 0.5412
CMYK	0.49, 0.00, 0.23, 0.41
HSL	152°, 32%, 45%
HSV	152°, 49%, 59%
XYZ	17.3381, 24.9954, 20.7404
YIQ	124.9980, -33.1900, -26.2620

Conversions

Conversions Part 2

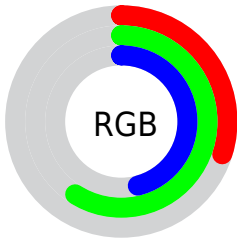
Format	Color
RYB	77, 125, 151
Decimal	5085045
CIELab	57.07, -31.39, 10.91
CIELCh	57, 33.235, 160.837
Yxy	24.9964, 0.2749, 0.3963
Android (android.graphics.Color)	4283275125 (0xFF4D9775)
YUV	124.9980, -3.9430, -42.0942
Hunter-Lab	49.9954, -25.5892, 10.4005

Details

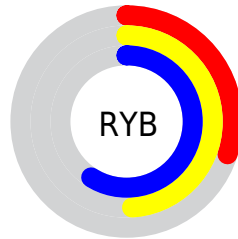
The HunterLab color $49.9954, -25.5892, 10.4005$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $36.1046, 27.2249, -1.9741$, and the grayscale version is $45.3101, -2.4176, 2.4618$.

A 20% lighter version of the original color is $71.9396, -30.5183, 12.8586$, and $30.8088, -20.2847, 7.7940$ is the 20% darker color. If you saturate the color by 10%, you get $49.2771, -28.7642, 12.0896$, and if you desaturate by 10%, it is $50.8610, -21.8857, 8.7515$.

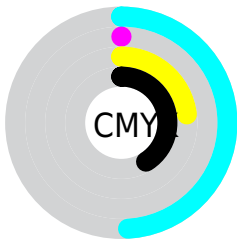
Distribution



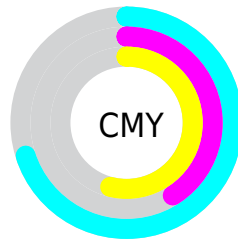
- Red (30%)
- Green (59%)
- Blue (46%)



- Red (30%)
- Yellow (49%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9954, -25.5892, 10.4005 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 49.9954, -25.5892, 10.4005 by changing the saturation by 10% instead.

■ 49.9954, -25.5892,
10.4005

■ 49.9954, -25.5892,
10.4005

166.6794,
-45.1253, 21.1188

■ 40.0929, -23.0892,
9.2169

■ 71.8689, -30.2819,
12.7461

■ 30.9464, -20.4378,
8.0121

■ 83.7575, -32.5185,
13.9186

■ 22.6258, -17.5742,
6.7696

■ 96.2377, -34.7024,
15.0958

■ 15.2231, -14.3945,
5.4590

■ 109.2827,
-36.8438, 16.2802

■ 8.8482, -15.4843,
5.5925

■ 122.8691,
-38.9510, 17.4736

0.0000, NaN, NaN

0.0000, NaN, NaN

136.9761,

-41.0304, 18.6772

0.0000, NaN, NaN

151.5850,
-43.0871, 19.8920

0.0000, NaN, NaN

■ 49.9954, -25.5892,
10.4005

■ 49.9954, -25.5892,
10.4005

■ 49.2771, -28.7642,
12.0896

■ 50.8610, -21.8857,
8.7515

■ 48.6986, -31.3973,
13.7953

■ 51.8728, -17.6769,
7.1609

■ 48.2540, -33.4940,
15.4947

■ 53.0316, -12.9987,
5.6460

■ 47.9324, -35.0794,
17.1631

■ 54.3355, -7.8935,
4.2207

■ 47.7051, -36.2606,
18.7625

■ 55.7810, -2.4074,
2.8956

■ 47.6840, -36.3711,
18.9141

■ 57.3637, 3.4122,
1.6781

■ 59.0784, 9.5188,
0.5726

■ 60.9192, 15.8686,
-0.4190

■ 62.8799, 22.4213,
-1.2972

Harmonies

Analogous

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



49.9964, -19.0450, 18.4462



49.9954, -25.5892, 10.4005



49.9964, -26.4041, -2.3231

Triad

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



49.9964, -25.5898, 10.4010



49.9964, 2.4789, -29.4273



49.9964, 19.3097, 16.7087

Complementary

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



49.9954, -25.5892, 10.4005



36.1046, 27.2249, -1.9741

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.



49.9964, 26.5297, 7.2896



49.9954, -25.5892, 10.4005



49.9964, 16.1273, -20.7173

Square

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



49.9964, -25.5898, 10.4010



49.9964, -11.1828, -27.9176



49.9964, 25.3051, -6.4103



49.9964, 6.4527, 21.3363

Rectangle

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



49.9954, -25.5892, 10.4005



49.9964, -23.7000, -12.2221



49.9964, 25.3051, -6.4103



49.9964, 22.5370, 14.1240

Sweetspot

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



49.9964, -25.5898, 10.4010



71.5916, -14.9267, 6.8338



51.0729, -22.8680, 22.9193



33.9737, -7.7369, 3.4371



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.



49.9964, -25.5898, 10.4010



65.8424, -38.9442, 16.4460



50.1605, -19.0252, -4.0328



26.4171, -3.8991, 2.0686



43.9869, -33.5053, 17.3486



5.4461, -3.6800, 1.1369

Inverse Universe

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



36.1046, 27.2249, -1.9741



43.9407, 45.1601, -2.4341



35.7425, 22.0128, 10.7623



25.0350, 1.2569, 0.7805



24.4385, 43.3869, 3.8904



3.1067, 5.7336, -1.1958

Previews

White Background



This preview shows how the HunterLab color 49.9954, -25.5892, 10.4005 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 49.9954, -25.5892, 10.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

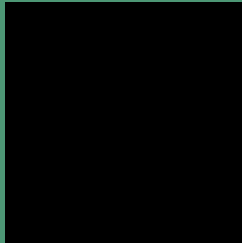
Any Text WCAG AA ✓ Pass

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 49.9954, -25.5892, 10.4005 Background



This preview shows how black text looks on a background with the HunterLab color 49.9954, -25.5892, 10.4005.



This preview shows how white text looks on a background with the HunterLab color 49.9954,

-25.5892, 10.4005.

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

49.9954, -25.5892, 10.4005

Protanopia

49.7532, -3.4901, 13.0171

Deuteranopia

49.5799, 3.5477, 8.9811



Tritanopia

50.0668, -14.9245, -7.1849

Trichromacy



Original Color

49.9954, -25.5892, 10.4005

Protanomaly

49.2291, -12.7220, 11.2965

Deuteranomaly

49.0358, -8.5273, 8.5811

Tritanomaly

50.0176, -19.2660, 0.1480

Monochromacy



Original Color

49.9954, -25.5892, 10.4005

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.5226, -11.4983, 5.0003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9954, -25.5892, 10.4005 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(77, 151, 117)` looks like.

```
.text, #text, p{  
  color:rgb(77, 151, 117)  
}
```

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(77, 151, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 151, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9954, -25.5892, 10.4005 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(77, 151, 117) }
```


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

```
.border{ border-color:rgb(77, 151, 117) }
```

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

Here you see how a box with a 4 pixel rgb(77, 151, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 151, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 151, 117);  
box-shadow:4px 4px 4px 4px rgb(77, 151,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9954, -25.5892, 10.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 151, 117) }
```

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

```
.background{ background-color: rgb(77, 151,  
117) }
```

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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