

Converting Colors

HunterLab(55.9437, -25.5653,
16.5134)

Have a look what the booklet for
HunterLab(55.9437, -25.5653,
16.5134) contains.

HunterLab(55.9437, -25.5653, 16.5134)	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(55.9437,
-25.5653, 16.5134)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA574
RGB	107, 165, 116
RGB Percent	42%, 65%, 45%
CMY	0.5804, 0.3529, 0.5451
CMYK	0.35, 0.00, 0.30, 0.35
HSL	129°, 24%, 53%
HSV	129°, 35%, 65%
XYZ	22.6709, 31.2970, 21.3690
YIQ	142.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

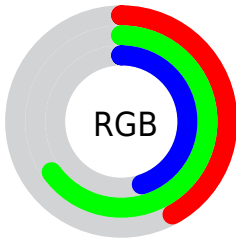
Format	Color
RYB	107, 157, 165
Decimal	7054708
CIELab	62.76, -29.39, 19.56
CIELCh	63, 35.305, 146.350
Yxy	31.2983, 0.3009, 0.4154
Android (android.graphics.Color)	4285244788 (0xFF6BA574)
YUV	142.0720, -12.8535, -30.7581
Hunter-Lab	55.9437, -25.5653, 16.5134

Details

The HunterLab color $55.9437, -25.5653, 16.5134$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45.7336, 24.4758, -12.1679$, and the grayscale version is $52.0944, -2.7796, 2.8304$.

A 20% lighter version of the original color is $78.4137, -29.8735, 19.7842$, and $36.1334, -21.0006, 13.1843$ is the 20% darker color. If you saturate the color by 10%, you get $54.8369, -30.4640, 19.6484$, and if you desaturate by 10%, it is $57.2447, -19.9743, 13.0720$.

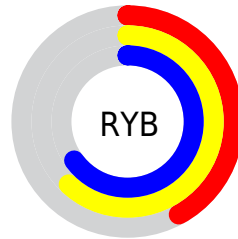
Distribution



Red (42%)

Green (65%)

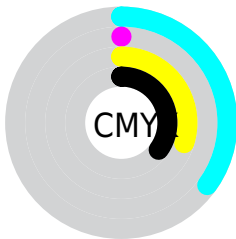
Blue (45%)



Red (42%)

Yellow (62%)

Blue (65%)

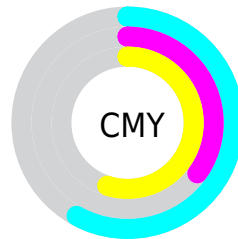


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9437, -25.5653, 16.5134 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 55.9437, -25.5653, 16.5134 by changing the saturation by 10% instead.

■ 55.9437, -25.5653,
16.5134

■ 55.9437, -25.5653,
16.5134

175.4737,
-44.0178, 30.8990

■ 45.6356, -23.2616,
14.7946

■ 78.5553, -29.9375,
19.8241

■ 36.0513, -20.8424,
13.0091

■ 90.7839, -32.0383,
21.4376

■ 27.2515, -18.2654,
11.1289

■ 103.5883,
-34.0981, 23.0334

■ 19.3137, -15.4606,
9.1087

■ 116.9439,
-36.1251, 24.6170

■ 12.3443, -12.5638,
7.8235

130.8287,
-38.1259, 26.1924

■ 5.5263, -9.6710,
3.8684

145.2233,

0.0000, NaN, NaN

-40.1057, 27.7629

0.0000, NaN, NaN

160.1102,
-42.0684, 29.3311

0.0000, NaN, NaN

■ 55.9437, -25.5653,
16.5134

■ 55.9437, -25.5653,
16.5134

■ 54.8369, -30.4640,
19.6484

■ 57.2447, -19.9743,
13.0720

■ 53.9202, -34.6191,
22.4383

■ 58.7342, -13.7503,
9.3638

■ 53.1911, -38.0023,
24.8536

■ 60.4086, -6.9645,
5.4320

■ 52.6419, -40.6091,
26.8740

■ 62.2618, 0.3097,
1.3186

■ 52.2604, -42.4641,
28.4912

■ 64.2862, 8.0002,
-2.9375

■ 52.0282, -43.6300,
29.7089

■ 66.4733, 16.0389,
-7.3012

■ 51.9464, -44.0435,
30.1489

■ 68.8144, 24.3639,
-11.7418

■ 71.3005, 32.9204,
-16.2336

■ 73.8579, 41.4760,
-20.8576

Harmonies

Analogous

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



55.9449, -15.5342, 22.8639



55.9437, -25.5653, 16.5134



55.9449, -29.5797, 4.8093

Triad

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



55.9449, -25.5663, 16.5140



55.9449, -4.8610, -32.9925



55.9449, 26.0977, 14.1610

Complementary

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



55.9437, -25.5653, 16.5134



45.7336, 24.4758, -12.1679

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.



55.9449, 29.7378, 1.2218



55.9437, -25.5653, 16.5134



55.9449, 10.7714, -28.5356

Square

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



55.9449, -25.5663, 16.5140



55.9449, -18.4698, -25.8454



55.9449, 23.8581, -14.9212



55.9449, 14.3849, 21.7857

Rectangle

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



55.9437, -25.5653, 16.5134



55.9449, -28.6620, -5.4790



55.9449, 23.8581, -14.9212



55.9449, 28.3571, 10.4087

Sweetspot

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



55.9449, -25.5663, 16.5140



79.4558, -14.8978, 10.4847



59.2209, -13.5784, 22.3276



37.0203, -7.4982, 5.2122



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



55.9449, -25.5663, 16.5140



73.7142, -39.2942, 25.3347



56.6326, -21.5478, 6.6002



28.1285, -4.6242, 3.3316



45.1863, -38.2725, 26.1404



6.5866, -5.3190, 3.2495

Inverse Universe

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



45.7336, 24.4758, -12.1679



57.4301, 40.8569, -20.4616



44.7833, 19.7849, 1.2222



26.8015, 1.8283, -0.3856



27.3432, 52.0373, -22.7273



4.0234, 7.7531, -4.0892

Previews

White Background



This preview shows how the HunterLab color 55.9437, -25.5653, 16.5134 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 55.9437, -25.5653, 16.5134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

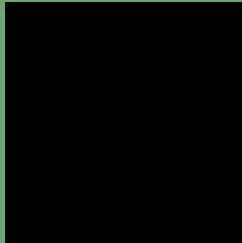
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 55.9437, -25.5653, 16.5134 Background



This preview shows how black text looks on a background with the HunterLab color 55.9437, -25.5653, 16.5134.



This preview shows how white text looks on a background with the HunterLab color 55.9437,

-25.5653, 16.5134.

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

55.9437, -25.5653, 16.5134

Protanopia

55.6241, -4.9815, 18.4640

Deuteranopia

55.5310, 3.8179, 15.3127



Tritanopia

55.8977, -11.4453, -6.6227

Trichromacy



Original Color

55.9437, -25.5653, 16.5134

Protanomaly

55.4054, -13.2967, 17.5038

Deuteranomaly

55.1069, -7.9416, 15.0400

Tritanomaly

55.9478, -17.2845, 3.1450

Monochromacy



Original Color

55.9437, -25.5653, 16.5134

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

53.0785, -11.5269, 7.7178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9437, -25.5653, 16.5134 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(107, 165, 116)` looks like.

```
.text, #text, p{  
    color:rgb(107, 165, 116)  
}
```

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(107, 165, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 165, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9437, -25.5653, 16.5134 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(107, 165, 116) }
```


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

```
.border{ border-color:rgb(107, 165, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 165, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 165, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 165, 116);  
box-shadow:4px 4px 4px 4px rgb(107, 165,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9437, -25.5653, 16.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 165, 116) }
```

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

```
.background{ background-color: rgb(107,  
165, 116) }
```

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