

Converting Colors

HunterLab(55.7430, -30.7654,
11.3470)

Have a look what the booklet for
HunterLab(55.7430, -30.7654,
11.3470) contains.

HunterLab(55.7430, -30.7654, 11.3470)	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(55.7430,
-30.7654, 11.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA882
RGB	74, 168, 130
RGB Percent	29%, 66%, 51%
CMY	0.7098, 0.3412, 0.4902
CMYK	0.56, 0.00, 0.23, 0.34
HSL	156°, 39%, 47%
HSV	156°, 56%, 66%
XYZ	20.8560, 31.0728, 26.0176
YIQ	135.5620, -43.8260, -31.7460

Conversions

Conversions Part 2

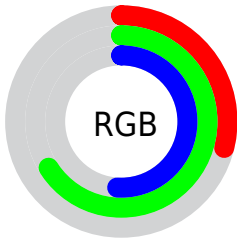
Format	Color
RYB	74, 133, 168
Decimal	4892802
CIELab	62.57, -37.08, 11.36
CIELCh	63, 38.782, 162.972
Yxy	31.0741, 0.2676, 0.3986
Android (android.graphics.Color)	4283082882 (0xFF4AA882)
YUV	135.5620, -2.7421, -53.9899
Hunter-Lab	55.7430, -30.7654, 11.3470

Details

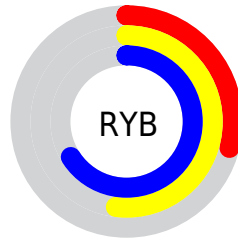
The HunterLab color **55.7430, -30.7654, 11.3470** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **37.9381, 34.8742, 0.0293**, and the grayscale version is **49.4690, -2.6395, 2.6877**.

A 20% lighter version of the original color is **78.4067, -36.1109, 13.8047**, and **35.8546, -24.8302, 8.7860** is the 20% darker color. If you saturate the color by 10%, you get **55.0613, -33.8210, 13.0842**, and if you desaturate by 10%, it is **56.5869, -27.1098, 9.6778**.

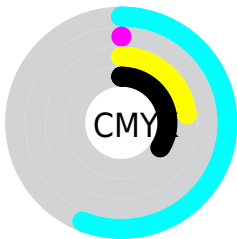
Distribution



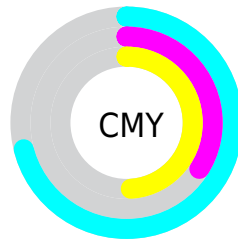
- Red (29%)
- Green (66%)
- Blue (51%)



- Red (29%)
- Yellow (52%)
- Blue (66%)



- Cyan (56%)
- Magenta (0%)
- Yellow (23%)
- Black (34%)



- Cyan (71%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7430, -30.7654, 11.3470 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 55.7430, -30.7654, 11.3470 by changing the saturation by 10% instead.

■ 55.7430, -30.7654,
11.3470

■ 55.7430, -30.7654,
11.3470

175.1797,
-52.5775, 22.2814

■ 45.4481, -27.9604,
10.1429

■ 78.3305, -36.0312,
13.7389

■ 35.8779, -24.9917,
8.9215

■ 90.5479, -38.5375,
14.9357

■ 27.0936, -21.8016,
7.6695

■ 103.3418,
-40.9808, 16.1375

■ 19.1730, -18.2963,
6.3637

■ 116.6871,
-43.3725, 17.3465

■ 12.2231, -15.2943,
5.0578

■ 130.5622,
-45.7216, 18.5643

■ 5.3341, -9.3347,
3.7339

144.9473,

0.0000, NaN, NaN

-48.0351, 19.7921

0.0000, NaN, NaN

159.8251,
-50.3188, 21.0309

0.0000, NaN, NaN

■ 55.7430, -30.7654,
11.3470

■ 55.7430, -30.7654,
11.3470

■ 55.0613, -33.8210,
13.0842

■ 56.5869, -27.1098,
9.6778

■ 54.5310, -36.2771,
14.8628

■ 57.5940, -22.8680,
8.0970

■ 54.1418, -38.1582,
16.6560

■ 58.7671, -18.0706,
6.6239

■ 53.8760, -39.5223,
18.4327

■ 60.1058, -12.7583,
5.2736

■ 53.7849, -40.0024,
19.1273

■ 61.6075, -6.9791,
4.0571

■ 63.2681, -0.7845,
2.9820

■ 65.0826, 5.7728,
2.0520

■ 67.0447, 12.6416,
1.2680

■ 69.1478, 19.7738,
0.6280

Harmonies

Analogous

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



55.7441, -23.4404, 21.2424



55.7430, -30.7654, 11.3470



55.7441, -31.2369, -4.3590

Triad

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



55.7441, -30.7660, 11.3476



55.7441, 4.5050, -36.2679



55.7441, 22.8429, 20.2581

Complementary

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



55.7430, -30.7654, 11.3470



37.9381, 34.8742, 0.0293

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.



55.7441, 32.3484, 9.5359



55.7430, -30.7654, 11.3470



55.7441, 20.9431, -24.6479

Square

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



55.7441, -30.7660, 11.3476



55.7441, -12.1763, -35.3455



55.7441, 31.6144, -6.7965



55.7441, 6.8597, 25.2352

Rectangle

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



55.7430, -30.7654, 11.3470



55.7441, -27.7000, -16.5431



55.7441, 31.6144, -6.7965



55.7441, 26.9825, 17.3703

Sweetspot

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



55.7441, -30.7660, 11.3476



80.7079, -18.1982, 7.3410



56.5887, -29.4101, 27.5665



37.5139, -9.1467, 3.5844



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



55.7441, -30.7660, 11.3476



73.9907, -46.3830, 18.1673



54.2989, -21.0816, -7.3630



29.1203, -4.2689, 2.1201



46.7492, -34.6931, 16.4601



7.3584, -5.0038, 1.6044

Inverse Universe

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



37.9381, 34.8742, 0.0293



46.3129, 56.9107, 1.6937



38.5091, 27.1230, 14.2286



27.5512, 1.3621, 1.0259



25.7111, 45.2914, 6.8444



4.1355, 7.5192, -0.7153

Previews

White Background



This preview shows how the HunterLab color 55.7430, -30.7654, 11.3470 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 55.7430, -30.7654, 11.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

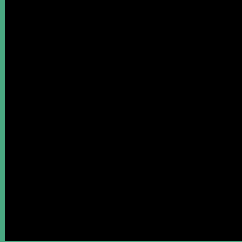
Any Text WCAG AA ✓ Pass

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 55.7430, -30.7654, 11.3470 Background



This preview shows how black text looks on a background with the HunterLab color 55.7430, -30.7654, 11.3470.



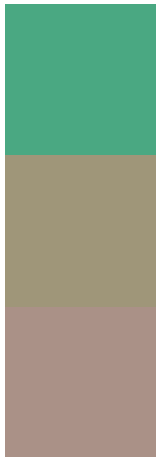
This preview shows how white text looks on a background with the HunterLab color 55.7430,

-30.7654, 11.3470.

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

55.7430, -30.7654, 11.3470

Protanopia

55.2848, -4.2270, 14.5926

Deuteranopia

55.2685, 3.6462, 9.5305



Tritanopia

55.6871, -18.3342, -9.1883

Trichromacy



Original Color

55.7430, -30.7654, 11.3470

Protanomaly

54.9166, -16.1540, 12.9692

Deuteranomaly

54.4305, -11.2463, 9.1715

Tritanomaly

55.5816, -23.0798, -1.1443

Monochromacy



Original Color

55.7430, -30.7654, 11.3470

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

51.3924, -14.5560, 5.3927

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7430, -30.7654, 11.3470 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(74, 168, 130)` looks like.

```
.text, #text, p{  
    color:rgb(74, 168, 130)  
}
```

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(74, 168, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 168, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7430, -30.7654, 11.3470 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(74, 168, 130) }
```


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

```
.border{ border-color:rgb(74, 168, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 168, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 168, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 168, 130);  
box-shadow:4px 4px 4px 4px rgb(74, 168,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7430, -30.7654, 11.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 168, 130) }
```

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

```
.background{ background-color: rgb(74, 168,  
130) }
```

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