

Converting Colors

HunterLab(47.5652, -30.3372,
21.3477)

Have a look what the booklet for
HunterLab(47.5652, -30.3372,
21.3477) contains.

HunterLab(47.5652, -30.3372, 21.3477)	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(47.5652,
-30.3372, 21.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	469347
RGB	70, 147, 71
RGB Percent	27%, 58%, 28%
CMY	0.7255, 0.4235, 0.7216
CMYK	0.52, 0.00, 0.52, 0.42
HSL	121°, 35%, 43%
HSV	121°, 52%, 58%
XYZ	14.0969, 22.6245, 9.5852
YIQ	115.3130, -21.4960, -39.9600

Conversions

Conversions Part 2

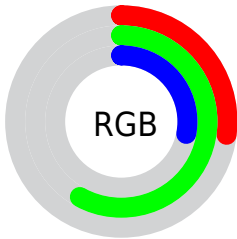
Format	Color
RYB	70, 146, 147
Decimal	4625223
CIELab	54.68, -40.00, 32.90
CIELCh	55, 51.794, 140.568
Yxy	22.6254, 0.3044, 0.4886
Android (android.graphics.Color)	4282815303 (0xFF469347)
YUV	115.3130, -21.8463, -39.7395
Hunter-Lab	47.5652, -30.3372, 21.3477

Details

The HunterLab color **47.5652, -30.3372, 21.3477** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **35.5797, 35.1229, -22.7787**, and the grayscale version is **41.6143, -2.2204, 2.2610**.

A 20% lighter version of the original color is **69.2146, -36.3201, 26.5185**, and **28.7500, -23.7119, 15.6288** is the 20% darker color. If you saturate the color by 10%, you get **46.8823, -33.4912, 23.4904**, and if you desaturate by 10%, it is **48.4249, -26.4532, 18.7226**.

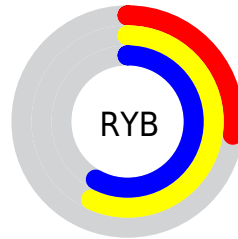
Distribution



Red (27%)

Green (58%)

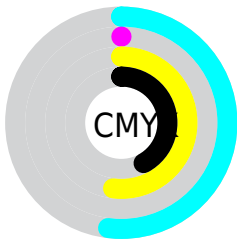
Blue (28%)



Red (27%)

Yellow (57%)

Blue (58%)

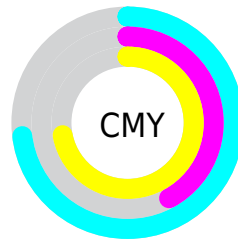


Cyan (52%)

Magenta (0%)

Yellow (52%)

Black (42%)



Cyan (73%)

Magenta (42%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5652, -30.3372, 21.3477 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 47.5652, -30.3372, 21.3477 by changing the saturation by 10% instead.

■ 47.5652, -30.3372,
21.3477

■ 47.5652, -30.3372,
21.3477

163.0323,
-53.9216, 42.0922

■ 37.8380, -27.2002,
18.6156

■ 69.1213, -36.1387,
26.4185

■ 28.8818, -23.8326,
15.6972

■ 80.8642, -38.8687,
28.8118

■ 20.7709, -20.1431,
12.6116

■ 93.2057, -41.5149,
31.1356

■ 13.6047, -16.3486,
9.5233

■ 106.1182,
-44.0925, 33.4034

■ 7.2013, -12.6023,
5.0409

■ 119.5773,
-46.6135, 35.6254

0.0000, NaN, NaN

0.0000, NaN, NaN

133.5617,

-49.0872, 37.8100

0.0000, NaN, NaN

148.0524,
-51.5211, 39.9638

0.0000, NaN, NaN

■ 47.5652, -30.3372,
21.3477

■ 47.5652, -30.3372,
21.3477

■ 46.8823, -33.4912,
23.4904

■ 48.4249, -26.4532,
18.7226

■ 46.3666, -35.9055,
25.1433

■ 49.4613, -21.8680,
15.6364

■ 46.0087, -37.6019,
26.3184

■ 50.6750, -16.6320,
12.1231

■ 45.7928, -38.6345,
27.0495

■ 52.0634, -10.8070,
8.2250

■ 45.6865, -39.1434,
27.3953

■ 53.6216, -4.4620,
3.9884

■ 55.3431, 2.3320,
-0.5393

■ 57.2205, 9.5061,
-5.3119

■ 59.2456, 16.9959,
-10.2868

■ 61.4100, 24.7434,
-15.4257

Harmonies

Analogous

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



47.5662, -16.1532, 26.5940



47.5652, -30.3372, 21.3477



47.5662, -36.7130, 8.5689

Triad

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



47.5662, -30.3380, 21.3480



47.5662, -9.0993, -54.4884



47.5662, 42.4516, 14.3922

Complementary

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



47.5652, -30.3372, 21.3477



35.5797, 35.1229, -22.7787

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.



47.5662, 45.2494, -4.2844



47.5652, -30.3372, 21.3477



47.5662, 12.7992, -50.5871

Square

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



47.5662, -30.3380, 21.3480



47.5662, -25.9610, -38.6631



47.5662, 33.6048, -29.5955



47.5662, 26.5253, 23.9886

Rectangle

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



47.5652, -30.3372, 21.3477



47.5662, -36.6148, -5.1653



47.5662, 33.6048, -29.5955



47.5662, 45.0564, 9.2243

Sweetspot

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



47.5662, -30.3380, 21.3480



68.9104, -17.6276, 13.1237



52.4537, -11.5755, 25.5694



32.7596, -9.1132, 6.7327



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.



47.5662, -30.3380, 21.3480



62.5888, -45.5127, 31.9089



48.2327, -26.3281, 11.6474



25.4354, -4.2827, 3.3476



42.5381, -36.4435, 25.5021



4.7087, -4.0156, 2.7832

Inverse Universe

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



35.5797, 35.1229, -22.7787



43.9193, 57.4520, -37.4512



34.1719, 28.7754, -3.2992



24.3062, 1.7628, -0.7320



26.7446, 52.4376, -34.1648



2.9645, 5.8210, -3.8533

Previews

White Background



This preview shows how the HunterLab color 47.5652, -30.3372, 21.3477 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 47.5652, -30.3372, 21.3477 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 47.5652, -30.3372, 21.3477 Background



This preview shows how black text looks on a background with the HunterLab color 47.5652, -30.3372, 21.3477.



This preview shows how white text looks on a background with the HunterLab color 47.5652, -30.3372, 21.3477.

-30.3372, 21.3477.

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

47.5652, -30.3372, 21.3477

Protanopia

47.1977, -5.2987, 22.7079

Deuteranopia

47.1383, 3.2688, 20.2725



Tritanopia

47.3341, -12.9796, -7.2024

Trichromacy



Original Color

47.5652, -30.3372, 21.3477

Protanomaly

46.6856, -16.1147, 21.7415

Deuteranomaly

46.3100, -11.1787, 19.8179

Tritanomaly

47.0952, -20.3733, 5.8900

Monochromacy



Original Color

47.5652, -30.3372, 21.3477

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.2808, -13.9311, 10.2548

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5652, -30.3372, 21.3477 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(70, 147, 71)` looks like.

```
.text, #text, p{  
    color:rgb(70, 147, 71)  
}
```

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(70, 147, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 147, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5652, -30.3372, 21.3477 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(70, 147, 71) }
```


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

```
.border{ border-color:rgb(70, 147, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 147, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(70, 147, 71); -webkit-box-shadow:4px 4px 4px 4px rgb(70, 147, 71); box-shadow:4px 4px 4px 4px rgb(70, 147, 71) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5652, -30.3372, 21.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 147, 71) }
```

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

```
.background{ background-color: rgb(70, 147,  
71) }
```

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