

Converting Colors

HunterLab(40.5055, -20.7738,
14.3184)

Have a look what the booklet for
HunterLab(40.5055, -20.7738,
14.3184) contains.

HunterLab(40.5055, -20.7738, 14.3184)	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(40.5055,
-20.7738, 14.3184)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7C4D
RGB	74, 124, 77
RGB Percent	29%, 49%, 30%
CMY	0.7098, 0.5137, 0.6980
CMYK	0.40, 0.00, 0.38, 0.51
HSL	124°, 25%, 39%
HSV	124°, 40%, 49%
XYZ	11.3712, 16.4070, 9.5887
YIQ	103.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

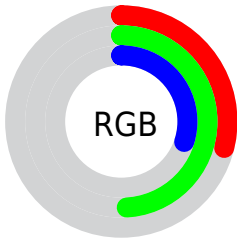
Format	Color
RYB	74, 121, 124
Decimal	4881485
CIELab	47.50, -27.35, 20.51
CIELCh	48, 34.187, 143.136
Yxy	16.4076, 0.3043, 0.4391
Android (android.graphics.Color)	4283071565 (0xFF4A7C4D)
YUV	103.6920, -13.1592, -26.0399
Hunter-Lab	40.5055, -20.7738, 14.3184

Details

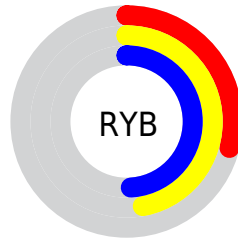
The HunterLab color $40.5055, -20.7738, 14.3184$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32.5014, 21.1794, -12.6018$, and the grayscale version is $37.1428, -1.9818, 2.0180$.

A 20% lighter version of the original color is $61.0824, -25.2297, 18.0376$, and $23.0882, -16.0240, 10.4371$ is the 20% darker color. If you saturate the color by 10%, you get $39.7654, -24.1007, 16.5464$, and if you desaturate by 10%, it is $41.3872, -16.9135, 11.7748$.

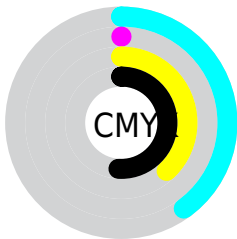
Distribution



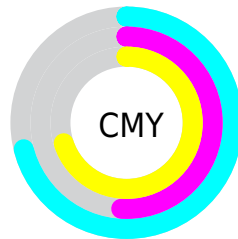
- Red (29%)
- Green (49%)
- Blue (30%)



- Red (29%)
- Yellow (47%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5055, -20.7738, 14.3184 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 40.5055, -20.7738, 14.3184 by changing the saturation by 10% instead.

■ 40.5055, -20.7738,
14.3184

■ 40.5055, -20.7738,
14.3184

152.2285,
-38.8540, 29.4077

■ 31.3258, -18.4287,
12.4167

■ 61.0774, -25.1358,
17.8885

■ 22.9678, -15.9117,
10.3902

■ 72.3709, -27.2051,
19.5979

■ 15.5229, -13.1376,
8.2834

■ 84.2857, -29.2228,
21.2745

■ 9.1150, -13.5626,
6.3805

■ 96.7909, -31.2004,
22.9270

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.8598,
-33.1463, 24.5620

0.0000, NaN, NaN

123.4692,

0.0000, NaN, NaN

-35.0672, 26.1847

0.0000, NaN, NaN

137.5982,
-36.9684, 27.7989

■ 40.5055, -20.7738,
14.3184

■ 40.5055, -20.7738,
14.3184

■ 39.7654, -24.1007,
16.5464

■ 41.3872, -16.9135,
11.7748

■ 39.1629, -26.8631,
18.4358

■ 42.4070, -12.5588,
8.9432

■ 38.6949, -29.0487,
19.9740

■ 43.5634, -7.7597,
5.8567

■ 38.3546, -30.6643,
21.1591

■ 44.8522, -2.5693,
2.5495

■ 38.1316, -31.7397,
22.0022

■ 46.2683, 2.9585,
-0.9441

■ 37.9898, -32.4230,
22.5080

■ 47.8059, 8.7717,
-4.5918

■ 49.4587, 14.8222,
-8.3642

■ 51.2201, 21.0670,
-12.2352

■ 53.0838, 27.4683,
-16.1824

Harmonies

Analogous

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



40.5064, -11.7925, 18.8810



40.5055, -20.7738, 14.3184



40.5064, -24.6891, 5.0243

Triad

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



40.5064, -20.7745, 14.3188



40.5064, -5.1950, -30.4318



40.5064, 24.3382, 10.6968

Complementary

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



40.5055, -20.7738, 14.3184



32.5014, 21.1794, -12.6018

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.



40.5064, 26.7021, -0.8330



40.5055, -20.7738, 14.3184



40.5064, 8.4585, -27.4057

Square

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



40.5064, -20.7745, 14.3188



40.5064, -16.4822, -22.6954



40.5064, 20.5646, -15.4140



40.5064, 14.4700, 17.3141

Rectangle

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



40.5055, -20.7738, 14.3184



40.5064, -24.3126, -3.7663



40.5064, 20.5646, -15.4140



40.5064, 26.0852, 7.3860

Sweetspot

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



40.5064, -20.7745, 14.3188



57.4734, -11.5853, 8.5966



43.6024, -9.1666, 17.8975



27.8141, -5.9423, 4.3772



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.5064, -20.7745, 14.3188



52.8569, -31.4863, 21.6223



41.0137, -17.7820, 6.9760



21.1033, -3.4379, 2.6302



38.3028, -32.6914, 22.6963



83.6294, -71.5631, 49.9548

Inverse Universe

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



32.5014, 21.1794, -12.6018



40.2629, 34.8978, -20.9100



31.6807, 17.2182, -1.1147



20.1831, 1.3347, -0.4398



23.7723, 46.1581, -26.8660



51.8763, 100.6598, -58.1055

Previews

White Background



This preview shows how the HunterLab color 40.5055, -20.7738, 14.3184 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.5055, -20.7738, 14.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

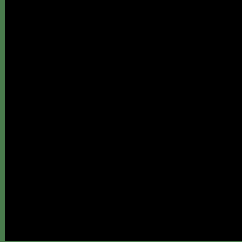
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.5055, -20.7738, 14.3184 Background



This preview shows how black text looks on a background with the HunterLab color 40.5055, -20.7738, 14.3184.



This preview shows how white text looks on a background with the HunterLab color 40.5055,

-20.7738, 14.3184.

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

40.5055, -20.7738, 14.3184

Protanopia

40.2415, -3.9316, 15.6948

Deuteranopia

40.1198, 2.8268, 13.2669



Tritanopia

40.4648, -9.2088, -4.6468

Trichromacy



Original Color

40.5055, -20.7738, 14.3184

Protanomaly

39.9856, -10.5703, 14.8475

Deuteranomaly

39.7922, -6.6772, 13.0947

Tritanomaly

40.3020, -13.9028, 3.3061

Monochromacy



Original Color

40.5055, -20.7738, 14.3184

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.0844, -9.3775, 6.8172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5055, -20.7738, 14.3184 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, 124, 77)` looks like.

```
.text, #text, p{  
    color:rgb(74, 124, 77)  
}
```

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, 124, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 124, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5055, -20.7738, 14.3184 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, 124, 77) }
```


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

```
.border{ border-color:rgb(74, 124, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 124, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 124, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 124, 77);  
box-shadow:4px 4px 4px 4px rgb(74, 124,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5055, -20.7738, 14.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 124, 77) }
```

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

```
.background{ background-color: rgb(74, 124,  
77) }
```

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