

Converting Colors

HunterLab(47.7876, -40.0197,
28.1728)

Have a look what the booklet for
HunterLab(47.7876, -40.0197,
28.1728) contains.

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Color

**HunterLab(47.9015,
-40.1285, 28.2548)**

Conversions

Conversions Part 1

Format	Color
Hex	12990F
RGB	18, 153, 15
RGB Percent	7%, 60%, 6%
CMY	0.9294, 0.4000, 0.9411
CMYK	0.88, 0.00, 0.90, 0.40
HSL	119°, 82%, 33%
HSV	119°, 90%, 60%
XYZ	11.7269, 22.9455, 4.2628
YIQ	96.9030, -36.1620, -71.5380

Conversions

Conversions Part 2

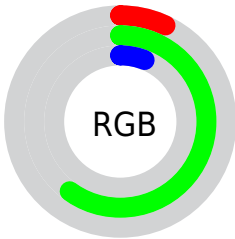
Format	Color
R_{YB}	15, 153, 150
Decimal	1218831
CIE _{Lab}	55.02, -57.19, 54.53
CIE _{LCh}	55, 79.020, 136.364
Yxy	22.9465, 0.3012, 0.5893
Android (android.graphics.Color)	4279408911 (0xFF12990F)
YUV	96.9030, -40.3782, -69.1979
Hunter-Lab	47.9015, -40.1285, 28.2548

Details

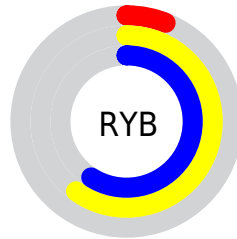
The HunterLab color $[47.9015, -40.1285, 28.2548]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[30.2109, 56.4414, -39.5434]$, and the grayscale version is $[34.6950, -1.8512, 1.8850]$.

A 20% lighter version of the original color is $[69.6437, -48.2630, 36.2482]$, and $[30.1900, -25.8879, 18.1497]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.7543, -40.8342, 28.7111]$, and if you desaturate by 10%, it is $[48.1680, -38.8750, 27.4628]$.

Distribution



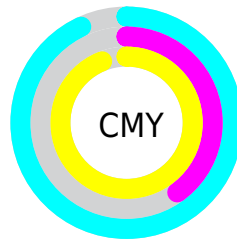
- Red (7%)
- Green (60%)
- Blue (6%)



- Red (6%)
- Yellow (60%)
- Blue (59%)



- Cyan (88%)
- Magenta (0%)
- Yellow (90%)
- Black (40%)



- Cyan (93%)
- Magenta (40%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9015, -40.1285, 28.2548 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 47.9015, -40.1285, 28.2548 by changing the saturation by 10% instead.

■ 47.9015, -40.1285,
28.2548

■ 47.9015, -40.1285,
28.2548

163.5390,
-71.8266, 59.6939

■ 38.1497, -35.7442,
23.9526

■ 69.5021, -48.1277,
36.1860

■ 29.1667, -30.9952,
19.5860

■ 81.2654, -51.8440,
39.8817

■ 21.0262, -25.7502,
14.7184

■ 93.6264, -55.4174,
43.4346

■ 13.8266, -21.8204,
9.6786

■ 106.5574,
-58.8721, 46.8664

■ 7.4527, -13.0423,
5.2169

■ 120.0343,
-62.2269, 50.1949

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.0359,

-65.4966, 53.4345

0.0000, NaN, NaN

148.5431,
-68.6933, 56.5975

0.0000, NaN, NaN

47.9015, -40.1285,
28.2548

47.9015, -40.1285,
28.2548

47.7543, -40.8342,
28.7111

48.1680, -38.8750,
27.4628

48.5844, -36.9181,
26.1858

49.1661, -34.2126,
24.3883

49.9225, -30.7449,
22.0577

50.8592, -26.5292,
19.2014

■ 51.9782, -21.6022,
15.8433

■ 53.2786, -16.0178,
12.0196

■ 54.7570, -9.8413,
7.7747

■ 56.4080, -3.1435,
3.1577

Harmonies

Analogous

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



47.9025, -19.0322, 31.8243



47.9015, -40.1285, 28.2548



47.9025, -49.6619, 14.6839

Triad

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



47.9025, -40.1292, 28.2550



47.9025, -16.5119, -99.6959



47.9025, 74.0227, 16.5944

Complementary

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



47.9015, -40.1285, 28.2548



30.2109, 56.4414, -39.5434

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.



47.9025, 75.2329, -13.7640



47.9015, -40.1285, 28.2548



47.9025, 16.4944, -97.7524

Square

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



47.9025, -40.1292, 28.2550



47.9025, -38.7133, -64.1133



47.9025, 52.0324, -59.8397



47.9025, 49.0701, 28.8510

Rectangle

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



47.9015, -40.1285, 28.2548



47.9025, -50.4339, -4.5148



47.9025, 52.0324, -59.8397



47.9025, 77.4118, 8.7803

Sweetspot

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



47.9025, -40.1292, 28.2550



69.9967, -27.0054, 19.9008



53.0222, -12.4069, 31.9491



32.6532, -13.7246, 10.0588



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.



47.9025, -40.1292, 28.2550



63.8973, -54.6800, 38.4160



48.4308, -36.7851, 20.0479



26.3280, -4.4192, 3.5216



43.4154, -37.1125, 26.1026



5.3224, -4.4778, 3.2013

Inverse Universe

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



30.2109, 56.4414, -39.5434



39.5805, 78.1888, -55.0898



27.9806, 47.3313, -1.7732



25.1333, 1.8112, -0.8269



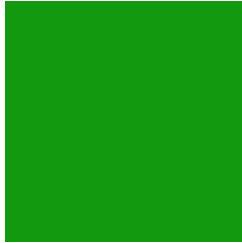
26.9015, 53.1353, -37.3889



3.3172, 6.5374, -4.4971

Previews

White Background



This preview shows how the HunterLab color 47.9015, -40.1285, 28.2548 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 47.9015, -40.1285, 28.2548 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 47.9015, -40.1285, 28.2548 Background



This preview shows how black text looks on a background with the HunterLab color 47.9015, -40.1285, 28.2548.



This preview shows how white text looks on a background with the HunterLab color 47.9015,

-40.1285, 28.2548.

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

47.9015, -40.1285, 28.2548

Protanopia

47.4642, -6.6103, 29.1315

Deuteranopia

47.3658, 3.1680, 27.1528



Tritanopia

47.7884, -17.3204, -8.7860

Trichromacy



Original Color

47.9015, -40.1285, 28.2548



Protanomaly

46.0900, -24.0099, 27.7954



Deuteranomaly

45.5975, -19.3953, 26.3289



Tritanomaly

47.1063, -29.4096, 12.3609

Monochromacy



Original Color

47.9015, -40.1285, 28.2548



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

37.8903, -20.3370, 14.6825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9015, -40.1285, 28.2548 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(18, 153, 15)` looks like.

```
.text, #text, p{  
    color:rgb(18, 153, 15)  
}
```

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(18, 153, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 153, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9015, -40.1285, 28.2548 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(18, 153, 15) }
```


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

```
.border{ border-color:rgb(18, 153, 15) }
```

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

Here you see how a box with a 4 pixel rgb(18, 153, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 153, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 153, 15);  
box-shadow:4px 4px 4px 4px rgb(18, 153,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9015, -40.1285, 28.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 153, 15) }
```

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

```
.background{ background-color: rgb(18, 153,  
15) }
```

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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