

Converting Colors

HunterLab(37.9656, -14.8257,
20.0267)

Have a look what the booklet for
HunterLab(37.9656, -14.8257,
20.0267) contains.

HunterLab(37.9425, -14.6151, 19.9872)	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(37.9425,
-14.6151, 19.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7128
RGB	95, 113, 40
RGB Percent	37%, 44%, 16%
CMY	0.6275, 0.5569, 0.8431
CMYK	0.16, 0.00, 0.65, 0.56
HSL	75°, 48%, 30%
HSV	75°, 65%, 44%
XYZ	11.0074, 14.3963, 4.2061
YIQ	99.2960, 12.7050, -26.5190

Conversions

Conversions Part 2

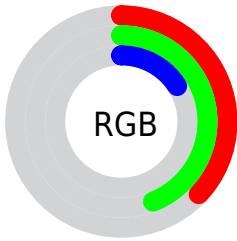
Format	Color
R_{YB}	40, 113, 58
Decimal	6254888
CIE _{Lab}	44.80, -18.34, 37.21
CIE _{LCh}	45, 41.484, 116.232
Yxy	14.3970, 0.3717, 0.4862
Android (android.graphics.Color)	4284444968 (0xFF5F7128)
YUV	99.2960, -29.2329, -3.7676
Hunter-Lab	37.9425, -14.6151, 19.9872

Details

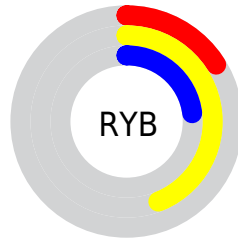
The HunterLab color $[37.9425, -14.6151, 19.9872]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[18.9993, 18.2821, -36.7283]$, and the grayscale version is $[35.5376, -1.8962, 1.9308]$.

A 20% lighter version of the original color is $[58.1675, -18.0448, 25.8931]$, and $[20.8841, -10.7601, 12.6803]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.6622, -15.8670, 21.1299]$, and if you desaturate by 10%, it is $[38.2588, -13.1883, 18.4361]$.

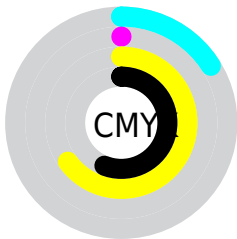
Distribution



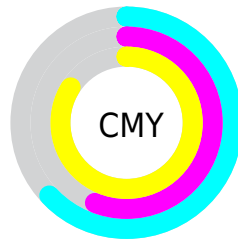
- Red (37%)
- Green (44%)
- Blue (16%)



- Red (16%)
- Yellow (44%)
- Blue (23%)



- Cyan (16%)
- Magenta (0%)
- Yellow (65%)
- Black (56%)



- Cyan (63%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9425, -14.6151, 19.9872 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 37.9425, -14.6151, 19.9872 by changing the saturation by 10% instead.

37.9425, -14.6151,
19.9872

37.9425, -14.6151,
19.9872

148.2183,
-28.6036, 43.5531

28.9781, -12.8940,
16.7261

58.1307, -17.8769,
25.9196

20.8571, -11.0693,
13.4987

69.2500, -19.4509,
28.6721

13.6796, -9.0809,
9.5757

80.9998, -21.0017,
31.3200

7.2873, -11.3535,
5.1011

93.3479, -22.5365,
33.8833

0.0000, NaN, NaN

0.0000, NaN, NaN

106.2666,
-24.0605, 36.3774

0.0000, NaN, NaN

119.7318,

0.0000, NaN, NaN

-25.5777, 38.8143

0.0000, NaN, NaN

133.7220,
-27.0912, 41.2036

■ 37.9425, -14.6151,
19.9872

■ 37.9425, -14.6151,
19.9872

■ 37.6622, -15.8670,
21.1299

■ 38.2588, -13.1883,
18.4361

■ 37.4134, -16.9492,
21.8905

■ 38.6102, -11.5783,
16.4564

■ 37.1930, -17.8831,
22.3258

■ 38.9986, -9.7838,
14.0361

■ 37.0789, -18.3653,
22.5264

■ 39.4248, -7.8049,
11.1682

■ 39.8895, -5.6436,
7.8512

■ 40.3929, -3.3036,
4.0877

■ 40.9351, -0.7900,
-0.1157

■ 41.5160, 1.8909,
-4.7492

■ 42.1354, 4.7319,
-9.8003

Harmonies

Analogous

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



37.9434, 0.0035, 21.1335



37.9425, -14.6151, 19.9872



37.9434, -24.2432, 14.9351

Triad

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



37.9434, -14.6162, 19.9875



37.9434, -17.5681, -30.9366



37.9434, 33.5518, 0.1040

Complementary

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



37.9425, -14.6151, 19.9872



18.9993, 18.2821, -36.7283

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.



37.9434, 26.8789, -17.9161



37.9425, -14.6151, 19.9872



37.9434, -4.0149, -39.9225

Square

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



37.9434, -14.6162, 19.9875



37.9434, -25.7403, -13.1690



37.9434, 12.4540, -34.3787



37.9434, 29.4753, 12.8024

Rectangle

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



37.9425, -14.6151, 19.9872



37.9434, -27.3887, 8.3553



37.9434, 12.4540, -34.3787



37.9434, 32.4665, -5.5284

Sweetspot

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



37.9434, -14.6162, 19.9875



53.0657, -9.0014, 12.7591



25.6786, 15.2494, 11.4544



25.4533, -4.6355, 6.6042



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.9434, -14.6162, 19.9875



50.2091, -22.0535, 28.8932



35.9281, -22.5318, 18.4312



19.6897, -2.1338, 2.8408



39.4782, -19.6062, 23.9830



87.8742, -44.6930, 53.3652

Inverse Universe

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



18.9993, 18.2821, -36.7283



20.4668, 32.1424, -67.8674



22.5061, 26.5088, -26.8265



18.2662, 0.1610, -0.9274



12.7351, 32.4286, -74.0904



27.8013, 71.8427, -169.8780

Previews

White Background



This preview shows how the HunterLab color 37.9425, -14.6151, 19.9872 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 37.9425, -14.6151, 19.9872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

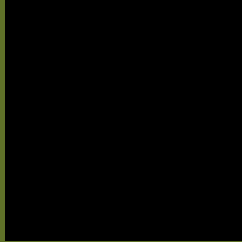
Any Text WCAG AA × Fail

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 37.9425, -14.6151, 19.9872 Background



This preview shows how black text looks on a background with the HunterLab color 37.9425, -14.6151, 19.9872.



This preview shows how white text looks on a background with the HunterLab color 37.9425,

-14.6151, 19.9872.

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

37.9425, -14.6151, 19.9872

Protanopia

37.8148, -4.9284, 20.3399

Deuteranopia

37.8345, 2.0502, 19.6152



Tritanopia

37.9559, -1.5954, -1.5072

Trichromacy



Original Color

37.9425, -14.6151, 19.9872

Protanomaly

37.9457, -8.7081, 20.2304

Deuteranomaly

37.5887, -4.2418, 19.4827

Tritanomaly

37.8612, -7.5866, 9.0769

Monochromacy



Original Color

37.9425, -14.6151, 19.9872

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.1211, -7.0620, 10.3031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9425, -14.6151, 19.9872 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(95, 113, 40)` looks like.

```
.text, #text, p{  
    color:rgb(95, 113, 40)  
}
```

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(95, 113, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 113, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9425, -14.6151, 19.9872 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(95, 113, 40) }
```


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

```
.border{ border-color:rgb(95, 113, 40) }
```

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

Here you see how a box with a 4 pixel rgb(95, 113, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 113, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 113, 40);  
box-shadow:4px 4px 4px 4px rgb(95, 113,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9425, -14.6151, 19.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 113, 40) }
```

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

```
.background{ background-color: rgb(95, 113,  
40) }
```

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