

Converting Colors

HunterLab(24.4636, -15.3462,
6.8004)

Have a look what the booklet for
HunterLab(24.4636, -15.3462,
6.8004) contains.

HunterLab(24.5399, -15.5284, 7.0002)	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(24.5399,
-15.5284, 7.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	174F34
RGB	23, 79, 52
RGB Percent	9%, 31%, 20%
CMY	0.9098, 0.6902, 0.7961
CMYK	0.71, 0.00, 0.34, 0.69
HSL	151°, 55%, 20%
HSV	151°, 71%, 31%
XYZ	3.7692, 6.0221, 4.2125
YIQ	59.1780, -24.7090, -20.2690

Conversions

Conversions Part 2

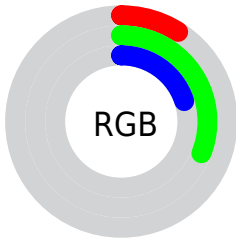
Format	Color
R_{YB}	23, 60, 79
Decimal	1527604
CIE _{Lab}	29.47, -25.48, 10.75
CIE _{LCh}	29, 27.653, 157.123
Yxy	6.0223, 0.2692, 0.4300
Android (android.graphics.Color)	4279717684 (0xFF174F34)
YUV	59.1780, -3.5388, -31.7281
Hunter-Lab	24.5399, -15.5284, 7.0002

Details

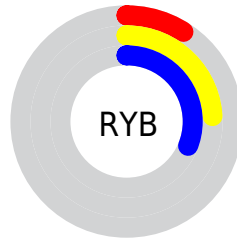
The HunterLab color **24.5399, -15.5284, 7.0002** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.8287, 18.6117, -1.2246**, and the grayscale version is **20.9925, -1.1201, 1.1406**.

A 20% lighter version of the original color is **42.4938, -20.0652, 9.3630**, and **10.7675, -8.7245, 5.3753** is the 20% darker color. If you saturate the color by 10%, you get **24.3097, -16.6057, 7.8180**, and if you desaturate by 10%, it is **24.8307, -14.2147, 6.1763**.

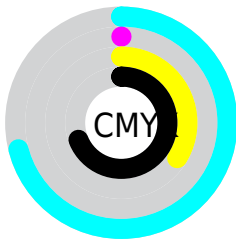
Distribution



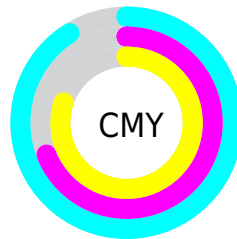
- Red (9%)
- Green (31%)
- Blue (20%)



- Red (9%)
- Yellow (24%)
- Blue (31%)



- Cyan (71%)
- Magenta (0%)
- Yellow (34%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5399, -15.5284, 7.0002 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 24.5399, -15.5284, 7.0002 by changing the saturation by 10% instead.

■ 24.5399, -15.5284,
7.0002

■ 24.5399, -15.5284,
7.0002

126.2035,
-33.5625, 17.6096

■ 16.9075, -12.9869,
5.7241

■ 42.3998, -20.0423,
9.4074

■ 10.2878, -11.5081,
4.9552

■ 52.4763, -22.1261,
10.5785

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.2446, -24.1357,
11.7423

0.0000, NaN, NaN

■ 74.6628, -26.0893,
12.9047

0.0000, NaN, NaN

■ 86.6958, -28.0002,
14.0701

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.3137, -29.8780,

15.2414

0.0000, NaN, NaN

112.4905,
-31.7302, 16.4207

24.5399, -15.5284,
7.0002

24.5399, -15.5284,
7.0002

24.3097, -16.6057,
7.8180

24.8307, -14.2147,
6.1763

24.1317, -17.4651,
8.6165

25.1831, -12.6641,
5.3551

23.9826, -18.1912,
9.2935

25.5991, -10.8830,
4.5460

26.0793, -8.8827,
3.7571

26.6236, -6.6780,
2.9956

■ 27.2311, -4.2861,
2.2677

■ 27.9004, -1.7261,
1.5783

■ 28.6299, 0.9828,
0.9311

■ 29.4173, 3.8214,
0.3286

Harmonies

Analogous

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



24.5404, -11.0669, 11.2960



24.5399, -15.5284, 7.0002



24.5404, -16.4642, -0.8351

Triad

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



24.5404, -15.5287, 7.0004



24.5404, 0.9129, -21.8017



24.5404, 14.3815, 9.4526

Complementary

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



24.5399, -15.5284, 7.0002



15.8287, 18.6117, -1.2246

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.



24.5404, 18.7395, 3.3249



24.5399, -15.5284, 7.0002



24.5404, 10.2569, -16.1437

Square

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



24.5404, -15.5287, 7.0004



24.5404, -7.7932, -19.6739



24.5404, 17.1288, -6.1163



24.5404, 5.9233, 12.3058

Rectangle

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



24.5399, -15.5284, 7.0002



24.5404, -15.1090, -7.6022



24.5404, 17.1288, -6.1163



24.5404, 16.4271, 7.8156

Sweetspot

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



24.5404, -15.5287, 7.0004



34.6418, -8.9604, 3.9881



25.1672, -13.7609, 13.3572



17.2419, -4.6722, 2.0566



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



24.5404, -15.5287, 7.0004



31.5201, -22.4610, 10.9365



24.9102, -11.3904, -2.4568



13.7094, -1.8624, 1.0555



31.2380, -23.8679, 12.4791



75.9236, -58.8591, 32.1621

Inverse Universe

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



15.8287, 18.6117, -1.2246



18.6317, 28.6679, -0.3782



15.4103, 15.9422, 6.6558



13.0934, 0.4723, 0.4204



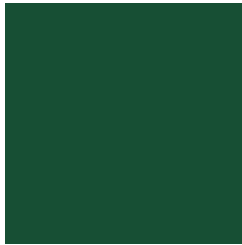
17.4587, 31.1773, 1.3682



42.2853, 75.1110, 6.4239

Previews

White Background



This preview shows how the HunterLab color 24.5399, -15.5284, 7.0002 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

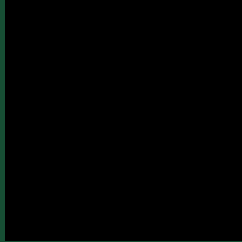
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 24.5399, -15.5284, 7.0002 Background



This preview shows how black text looks on a background with the HunterLab color 24.5399, -15.5284, 7.0002.



This preview shows how white text looks on a background with the HunterLab color 24.5399,

-15.5284, 7.0002.

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

24.5399, -15.5284, 7.0002

Protanopia

24.4244, -2.0847, 8.2257

Deuteranopia

24.5753, 1.2277, 6.4446



Tritanopia

24.4613, -8.5510, -3.9452

Trichromacy



Original Color

24.5399, -15.5284, 7.0002

Protanomaly

24.1404, -8.4702, 7.5903

Deuteranomaly

23.9447, -6.2506, 6.0034

Tritanomaly

24.2948, -11.2534, 0.6326

Monochromacy



Original Color

24.5399, -15.5284, 7.0002

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.8238, -7.2031, 3.1572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5399, -15.5284, 7.0002 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(23, 79, 52)` looks like.

```
.text, #text, p{  
    color:rgb(23, 79, 52)  
}
```

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(23, 79, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 79, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5399, -15.5284, 7.0002 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(23, 79, 52) }
```


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

```
.border{ border-color:rgb(23, 79, 52) }
```

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

Here you see how a box with a 4 pixel rgb(23, 79, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 79, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 79, 52);  
box-shadow:4px 4px 4px 4px rgb(23, 79, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.5399, -15.5284, 7.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 79, 52) }
```

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

```
.background{ background-color: rgb(23, 79,  
52) }
```

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