

Converting Colors

HunterLab(24.5172, 7.0727,
14.6058)

Have a look what the booklet for
HunterLab(24.5172, 7.0727,
14.6058) contains.

HunterLab(24.5150, 7.0746, 14.6048)	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(24.5150, 7.0746,
14.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	633D09
RGB	99, 61, 9
RGB Percent	39%, 24%, 4%
CMY	0.6118, 0.7608, 0.9647
CMYK	0.00, 0.38, 0.91, 0.61
HSL	35°, 83%, 21%
HSV	35°, 91%, 39%
XYZ	6.8636, 6.0099, 1.0567
YIQ	66.4340, 39.3400, -8.1160

Conversions

Conversions Part 2

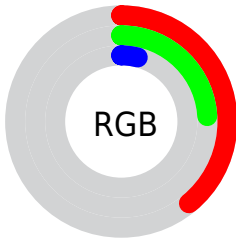
Format	Color
R_{YB}	75, 99, 9
Decimal	6503689
CIE Lab	29.44, 12.36, 35.68
CIE LCh	29, 37.760, 70.892
Yxy	6.0102, 0.4927, 0.4314
Android (android.graphics.Color)	4284693769 (0xFF633D09)
YUV	66.4340, -28.3150, 28.5604
Hunter-Lab	24.5150, 7.0746, 14.6048

Details

The HunterLab color **24.5150, 7.0746, 14.6048** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.2970, 4.6238, -29.7228**, and the grayscale version is **23.5799, -1.2582, 1.2811**.

A 20% lighter version of the original color is **42.2972, 7.9665, 20.7768**, and **10.3445, 6.1441, 6.4818** is the 20% darker color. If you saturate the color by 10%, you get **23.6620, 8.5210, 14.7296**, and if you desaturate by 10%, it is **25.4969, 5.5279, 14.3853**.

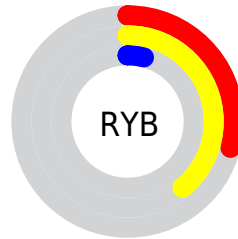
Distribution



Red (39%)

Green (24%)

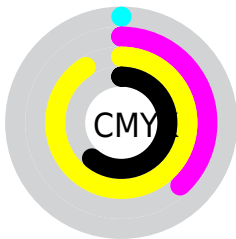
Blue (4%)



Red (29%)

Yellow (39%)

Blue (4%)

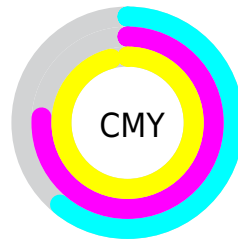


Cyan (0%)

Magenta (38%)

Yellow (91%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5150, 7.0746, 14.6048 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 24.5150, 7.0746, 14.6048 by changing the saturation by 10% instead.

■ 24.5150, 7.0746,
14.6048

■ 24.5150, 7.0746,
14.6048

■ 126.1607, 7.1477,
38.7863

■ 16.8857, 6.6308,
11.8200

■ 42.3700, 7.6078,
20.9149

■ 10.2693, 6.0331,
7.1885

■ 52.4444, 7.7366,
23.7726

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.2107, 7.7891,
26.4900

0.0000, NaN, NaN

■ 74.6269, 7.7737,
29.0967

0.0000, NaN, NaN

■ 86.6581, 7.6970,
31.6146

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.2743, 7.5643,

34.0606

0.0000, NaN, NaN

■ 112.4494, 7.3800,
36.4477

■ 24.5150, 7.0746,
14.6048

■ 24.5150, 7.0746,
14.6048

■ 23.6620, 8.5210,
14.7296

■ 25.4969, 5.5279,
14.3853

■ 26.5355, 4.1174,
13.8545

■ 27.6293, 2.8494,
13.0112

■ 28.7756, 1.7258,
11.8649

■ 29.9717, 0.7451,
10.4296

■ 31.2146, -0.0967,
8.7222

■ 32.5015, -0.8051,
6.7609

■ 33.8299, -1.3866,
4.5637

■ 35.1971, -1.8485,
2.1483

Harmonies

Analogous

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



24.5156, 19.6555, 12.0857



24.5150, 7.0746, 14.6048



24.5156, -5.6914, 14.8486

Triad

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



24.5156, 7.0732, 14.6050



24.5156, -20.7426, -3.3954



24.5156, 16.5101, -23.0338

Complementary

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



24.5150, 7.0746, 14.6048



17.2970, 4.6238, -29.7228

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.



24.5156, 3.4038, -33.4521



24.5150, 7.0746, 14.6048



24.5156, -16.9734, -18.8704

Square

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



24.5156, 7.0732, 14.6050



24.5156, -20.1511, 7.7060



24.5156, -8.6980, -31.6322



24.5156, 25.8143, -7.4011

Rectangle

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



24.5150, 7.0746, 14.6048



24.5156, -12.4783, 13.9699



24.5156, -8.6980, -31.6322



24.5156, 12.3046, -27.5461

Sweetspot

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



24.5156, 7.0732, 14.6050



41.4063, -0.4360, 10.6530



17.4970, 28.3133, 1.8013



20.0101, -0.1088, 5.4561



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



24.5156, 7.0732, 14.6050



30.6661, 11.8402, 19.1036



33.5715, -10.7626, 20.0416



16.7452, -0.7320, 2.0056



26.8681, 10.0365, 16.7317



60.6576, 26.2545, 37.8365

Inverse Universe

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



17.2970, 4.6238, -29.7228



20.4155, 9.5173, -46.0627



10.9446, 22.3846, -56.8110



16.3423, -0.9861, -0.2698



17.9919, 7.8729, -39.4837



39.5219, 22.7779, -98.5698

Previews

White Background



This preview shows how the HunterLab color 24.5150, 7.0746, 14.6048 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



This preview shows how the HunterLab color 24.5150, 7.0746, 14.6048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

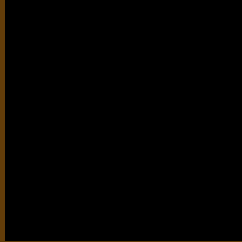
Any Text WCAG AA × Fail

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 24.5150, 7.0746, 14.6048 Background



This preview shows how black text looks on a background with the HunterLab color 24.5150, 7.0746, 14.6048.



This preview shows how white text looks on a background with the HunterLab color 24.5150, 7.0746,

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

24.5150, 7.0746, 14.6048

Protanopia

24.6356, -3.3993, 14.2837

Deuteranopia

24.4359, 0.8668, 15.0725



Tritanopia

24.5558, 12.7982, 4.6955

Trichromacy



Original Color

24.5150, 7.0746, 14.6048

Protanomaly

24.5294, 0.0465, 14.3504

Deuteranomaly

24.3899, 3.1574, 14.8748

Tritanomaly

24.2953, 10.2833, 9.8050

Monochromacy



Original Color

24.5150, 7.0746, 14.6048

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.4008, 0.6129, 8.1400

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5150, 7.0746, 14.6048 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(99, 61, 9)` looks like.

```
.text, #text, p{  
    color:rgb(99, 61, 9)  
}
```

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(99, 61, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 61, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5150, 7.0746, 14.6048 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(99, 61, 9) }
```


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

```
.border{ border-color:rgb(99, 61, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 61, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 61, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 61, 9); box-shadow:4px  
4px 4px 4px rgb(99, 61, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.5150, 7.0746, 14.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 61, 9) }
```

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

```
.background{ background-color: rgb(99, 61,  
9) }
```

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