

Converting Colors

HunterLab(7.1190, 52.5401,
4.9833)

Have a look what the booklet for
HunterLab(7.1190, 52.5401, 4.9833)
contains.

HunterLab(12.7354, 21.8269, 8.0959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(12.7354, 21.8269,
8.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0001
RGB	78, 0, 1
RGB Percent	31%, 0%, 0%
CMY	0.6941, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.69
HSL	359°, 100%, 15%
HSV	359°, 100%, 31%
XYZ	3.1474, 1.6219, 0.1759
YIQ	23.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

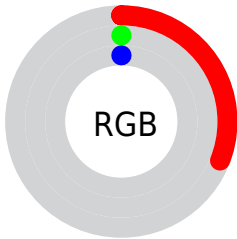
Format	Color
R_{YB}	78, 0, 1
Decimal	5111809
CIE Lab	13.36, 33.99, 20.52
CIE LCh	13, 39.710, 31.122
Yxy	1.6220, 0.6364, 0.3280
Android (android.graphics.Color)	4283301889 (0xFF4E0001)
YUV	23.4360, -11.0609, 47.8526
Hunter-Lab	12.7354, 21.8269, 8.0959

Details

The HunterLab color **12.7354, 21.8269, 8.0959** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **24.4636, -13.1568, -2.1748**, and the grayscale version is **9.4106, -0.5021, 0.5113**.

A 20% lighter version of the original color is **27.8319, 24.9178, 11.6292**, and **3.0555, 5.2327, 1.9744** is the 20% darker color. If you saturate the color by 10%, you get **12.7353, 21.8267, 8.0966**, and if you desaturate by 10%, it is **13.4470, 19.9316, 7.5333**.

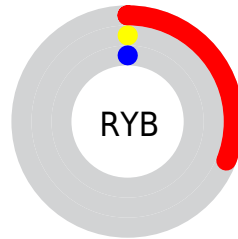
Distribution



Red (31%)

Green (0%)

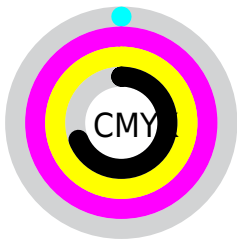
Blue (0%)



Red (31%)

Yellow (0%)

Blue (0%)

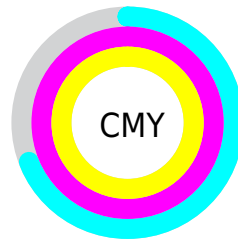


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (69%)



Cyan (69%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7354, 21.8269, 8.0959 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 12.7354, 21.8269, 8.0959 by changing the saturation by 10% instead.

12.7354, 21.8269,
8.0959

12.7354, 21.8269,
8.0959

104.3808, 31.8983,
23.8989

6.1022, 25.3649,
4.2715

27.7602, 24.8901,
11.6010

0.0000, INF, NaN

0.0000, NaN, NaN

36.6094, 26.2344,
13.5501

0.0000, NaN, NaN

46.2392, 27.4474,
15.3991

0.0000, NaN, NaN

0.0000, NaN, NaN

56.5907, 28.5393,
17.1772

0.0000, NaN, NaN


67.6167, 29.5209,
18.9044


0.0000, NaN, NaN


79.2782, 30.4024,


0.0000, NaN, NaN


20.5941


 91.5424, 31.1923,
22.2565


 12.7354, 21.8269,
8.0959


 12.7354, 21.8269,
8.0959


 12.7353, 21.8267,
8.0966

 13.4470, 19.9316,
7.5333

 14.2032, 18.0993,
6.9562

 15.2154, 15.8683,
6.2645

 16.4732, 13.3804,
5.5172

 17.9470, 10.7853,
4.7612

■ 19.6064, 8.1857,
4.0269

■ 21.4235, 5.6409,
3.3302

■ 23.3745, 3.1788,
2.6771

■ 25.4398, 0.8078,
2.0678

Harmonies

Analogous

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



12.7358, 26.6990, 1.0662



12.7354, 21.8269, 8.0959



12.7358, 10.7053, 8.9151

Triad

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



12.7358, 21.8252, 8.0961



12.7358, -14.4766, 7.6578



12.7358, -0.2796, -37.7841

Complementary

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



12.7354, 21.8269, 8.0959



24.4636, -13.1568, -2.1748

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.



12.7358, -9.0892, -30.5471



12.7354, 21.8269, 8.0959



12.7358, -16.1635, 0.3086

Square

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



12.7358, 21.8252, 8.0961



12.7358, -9.5795, 8.9151



12.7358, -14.2106, -13.9080



12.7358, 11.6283, -29.4791

Rectangle

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



12.7354, 21.8269, 8.0959



12.7358, 2.6130, 8.9151



12.7358, -14.2106, -13.9080



12.7358, -3.6695, -37.0618

Sweetspot

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



12.7358, 21.8252, 8.0961



28.0133, 7.8218, 4.4984



14.5448, 28.6879, -19.9167



13.7140, 4.2698, 2.3446



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.



12.7358, 21.8252, 8.0961



16.8156, 28.8141, 10.7344



17.2830, 9.2655, 10.8113



13.0522, 0.2498, 1.0086



40.9229, 70.0973, 26.3219

Inverse Universe

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



12.7358, 21.8252, 8.0961



16.8156, 28.8141, 10.7344



14.4505, 1.1986, -20.6478



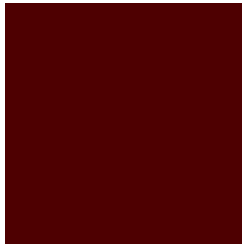
13.0522, 0.2498, 1.0086



40.9229, 70.0973, 26.3219

Previews

White Background



This preview shows how the HunterLab color 12.7354, 21.8269, 8.0959 looks on a white background.

Color Contrast Check

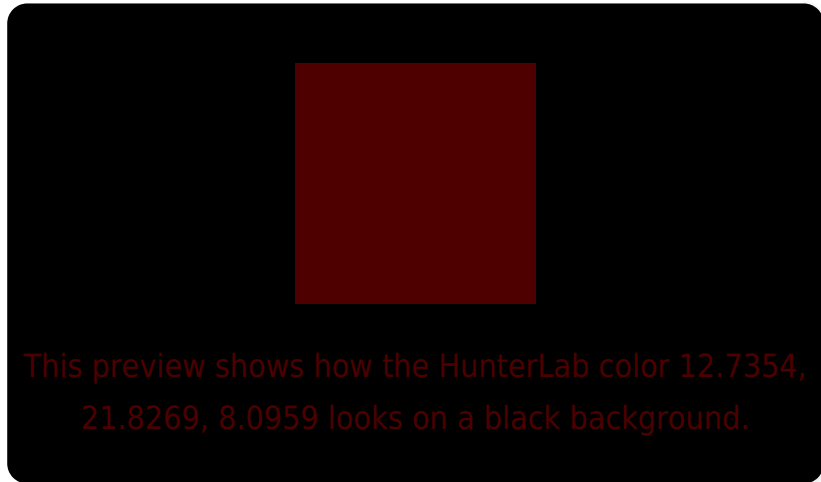
Large Text (above 18pt) WCAG AA ✓ Pass

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

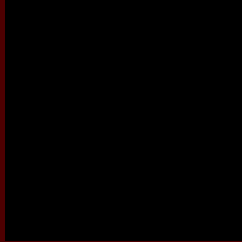
Any Text WCAG AA × Fail

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 12.7354, 21.8269, 8.0959 Background



This preview shows how black text looks on a background with the HunterLab color 12.7354, 21.8269, 8.0959.

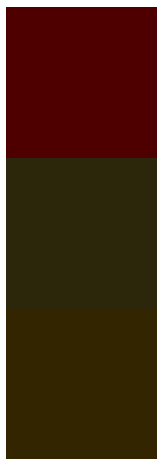


This preview shows how white text looks on a background with the HunterLab color 12.7354, 21.8269, 8.0959.

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

12.7354, 21.8269, 8.0959

Protanopia

14.1719, -1.8897, 7.4982

Deuteranopia

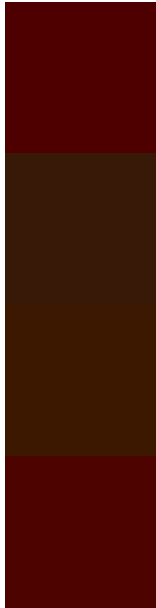
14.1465, 0.1887, 8.7203



Tritanopia

13.1520, 19.5537, 8.4465

Trichromacy



Original Color

12.7354, 21.8269, 8.0959

Protanomaly

12.4553, 7.1073, 6.8425

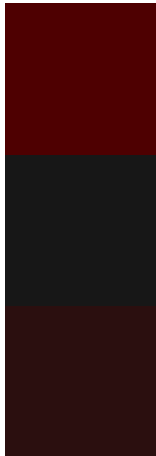
Deuteranomaly

12.7040, 8.5404, 7.9777

Tritanomaly

12.9020, 20.3654, 8.3067

Monochromacy



Original Color

12.7354, 21.8269, 8.0959

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.4325, 7.2105, 3.0978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7354, 21.8269, 8.0959 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(78, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(78, 0, 1)  
}
```

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(78, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 0, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7354, 21.8269, 8.0959 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(78, 0, 1) }
```

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

```
.border{ border-color:rgb(78, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 0, 1); box-shadow:4px  
4px 4px 4px rgb(78, 0, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.7354, 21.8269, 8.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 0, 1) }
```

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

```
.background{ background-color: rgb(78, 0,  
1) }
```

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