

Converting Colors

HunterLab(13.7223, 24.4663,
-4.3458)

Have a look what the booklet for
HunterLab(13.7223, 24.4663,
-4.3458) contains.

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Color

**HunterLab(13.7601, 24.4273,
-4.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0232
RGB	78, 2, 50
RGB Percent	31%, 1%, 20%
CMY	0.6941, 0.9921, 0.8039
CMYK	0.00, 0.97, 0.36, 0.69
HSL	322°, 95%, 16%
HSV	322°, 97%, 31%
XYZ	3.7393, 1.8934, 3.1860
YIQ	30.1960, 29.8880, 31.0400

Conversions

Conversions Part 2

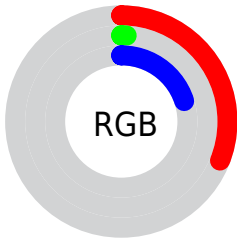
Format	Color
R_{YB}	78, 2, 50
Decimal	5112370
CIE _{Lab}	14.92, 36.79, -8.32
CIE _{LCh}	15, 37.717, 347.252
Yxy	1.8935, 0.4240, 0.2147
Android (android.graphics.Color)	4283302450 (0xFF4E0232)
YUV	30.1960, 9.7634, 41.9241
Hunter-Lab	13.7601, 24.4273, -4.0958

Details

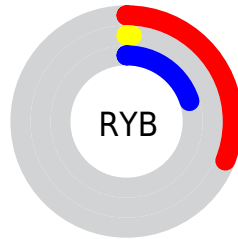
The HunterLab color **13.7601, 24.4273, -4.0958** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.5701, -18.6502, 11.1068**, and the grayscale version is **11.4200, -0.6093, 0.6205**.

A 20% lighter version of the original color is **29.0150, 27.5473, -4.2521**, and **4.9907, 8.5906, 2.8845** is the 20% darker color. If you saturate the color by 10%, you get **13.5782, 24.9025, -4.0120**, and if you desaturate by 10%, it is **14.4514, 22.7339, -4.4534**.

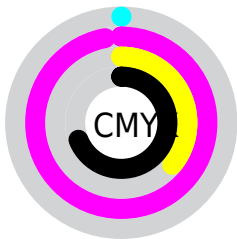
Distribution



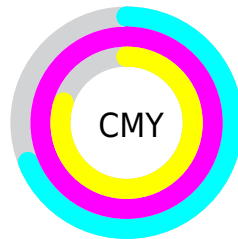
- Red (31%)
- Green (1%)
- Blue (20%)



- Red (31%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (36%)
- Black (69%)



- Cyan (69%)
- Magenta (99%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7601, 24.4273, -4.0958 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 13.7601, 24.4273, -4.0958 by changing the saturation by 10% instead.

13.7601, 24.4273,
-4.0958

13.7601, 24.4273,
-4.0958

106.4266, 35.3111,
-2.7683

7.3788, 24.7224,
-4.3997

29.0819, 27.6480,
-4.2789

0.0000, INF, NaN

0.0000, NaN, NaN

38.0569, 29.0844,
-4.2440

0.0000, NaN, NaN

47.8024, 30.3922,
-4.1383

0.0000, NaN, NaN

58.2616, 31.5796,
-3.9695

0.0000, NaN, NaN

0.0000, NaN, NaN


69.3887, 32.6563,
-3.7437


0.0000, NaN, NaN


81.1460, 33.6317,


0.0000, NaN, NaN


-3.4656


 93.5012, 34.5142,
-3.1394


 13.7601, 24.4273,
-4.0958


 13.7601, 24.4273,
-4.0958


 13.5782, 24.9025,
-4.0120

 14.4514, 22.7339,
-4.4534

 15.2403, 20.8758,
-4.6733

 16.2611, 18.5016,
-4.5556

 17.4960, 15.7737,
-4.1422

 18.9216, 12.8380,
-3.4878

■ 20.5139, 9.8048,
-2.6463

■ 22.2501, 6.7478,
-1.6633

■ 24.1106, 3.7110,
-0.5747

■ 26.0784, 0.7174,
0.5928

Harmonies

Analogous

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



13.7605, 17.0559, -19.1809



13.7601, 24.4273, -4.0958



13.7605, 23.7725, 5.2498

Triad

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



13.7605, 24.4260, -4.0953



13.7605, -6.1340, 9.6323



13.7605, -11.7704, -21.5383

Complementary

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



13.7601, 24.4273, -4.0958



23.5701, -18.6502, 11.1068

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.



13.7605, -15.1248, -6.0987



13.7601, 24.4273, -4.0958



13.7605, -12.4754, 9.5963

Square

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



13.7605, 24.4260, -4.0953



13.7605, 3.9179, 9.6323



13.7605, -15.3677, 4.2941



13.7605, -4.8415, -33.2534

Rectangle

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



13.7601, 24.4273, -4.0958



13.7605, 18.8641, 8.7617



13.7605, -15.3677, 4.2941



13.7605, -13.2254, -16.2512

Sweetspot

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



13.7605, 24.4260, -4.0953



28.7595, 9.9797, -2.5557



9.3147, 20.6562, -39.7775



14.0887, 5.4467, -1.4276



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.



13.7605, 24.4260, -4.0953



17.8878, 32.7295, -4.6897



13.0004, 21.6101, 6.7826



13.1069, 0.5452, 0.2277



43.3393, 78.9327, -8.5280

Inverse Universe

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



13.7605, 24.4260, -4.0953



17.8878, 32.7295, -4.6897



24.2435, -14.5297, 1.3616



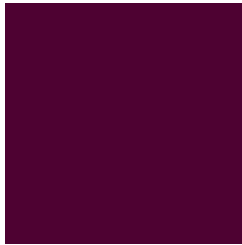
13.1069, 0.5452, 0.2277



43.3393, 78.9327, -8.5280

Previews

White Background



This preview shows how the HunterLab color 13.7601, 24.4273, -4.0958 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

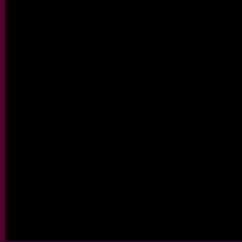
Any Text WCAG AA × Fail

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 13.7601, 24.4273, -4.0958 Background



This preview shows how black text looks on a background with the HunterLab color 13.7601, 24.4273, -4.0958.



This preview shows how white text looks on a background with the HunterLab color 13.7601, 24.4273, -4.0958.

-4.0958.

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

13.7601, 24.4273, -4.0958

Protanopia

14.9410, 2.6141, -15.0767

Deuteranopia

14.9546, 0.9022, -1.4315



Tritanopia

14.4601, 16.2457, 6.2857

Trichromacy



Original Color

13.7601, 24.4273, -4.0958

Protanomaly

12.9992, 10.5027, -13.9294

Deuteranomaly

13.3901, 10.3446, -3.9498

Tritanomaly

14.0354, 19.5082, 3.2175

Monochromacy



Original Color

13.7601, 24.4273, -4.0958

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.1275, 8.7013, -2.3167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7601, 24.4273, -4.0958 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, 2, 50)` looks like.

```
.text, #text, p{  
  color:rgb(78, 2, 50)  
}
```

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, 2, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 2, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7601, 24.4273, -4.0958 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, 2, 50) }
```

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

```
.border{ border-color:rgb(78, 2, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 2, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 2, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 2, 50); box-shadow:4px  
4px 4px 4px rgb(78, 2, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.7601, 24.4273, -4.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 2, 50) }
```

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

```
.background{ background-color: rgb(78, 2,  
50) }
```

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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