

Converting Colors

HunterLab(20.1680, 4.7943,
8.5668)

Have a look what the booklet for
HunterLab(20.1680, 4.7943, 8.5668)
contains.

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Color

**HunterLab(20.1239, 4.7436,
8.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3320
RGB	77, 51, 32
RGB Percent	30%, 20%, 13%
CMY	0.6980, 0.8000, 0.8745
CMYK	0.00, 0.34, 0.58, 0.70
HSL	25°, 41%, 21%
HSV	25°, 58%, 30%
XYZ	4.5051, 4.0497, 1.9107
YIQ	56.6080, 21.5950, -0.3970

Conversions

Conversions Part 2

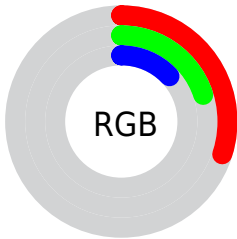
Format	Color
R_{YB}	77, 65, 32
Decimal	5059360
CIE Lab	23.84, 9.25, 16.71
CIE LCh	24, 19.096, 61.043
Yxy	4.0499, 0.4305, 0.3870
Android (android.graphics.Color)	4283249440 (0xFF4D3320)
YUV	56.6080, -12.1317, 17.8838
Hunter-Lab	20.1239, 4.7436, 8.4573




Details

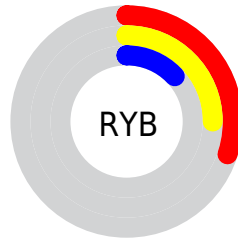
The HunterLab color **20.1239, 4.7436, 8.4573** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19.6693, -3.1288, -9.0988**, and the grayscale version is **20.1289, -1.0740, 1.0936**.




A 20% lighter version of the original color is **36.9600, 5.2582, 11.8981**, and **6.4927, 5.9633, 4.1052** is the 20% darker color. If you saturate the color by 10%, you get **19.0854, 6.1376, 9.1320**, and if you desaturate by 10%, it is **21.2234, 3.4496, 7.6044**.

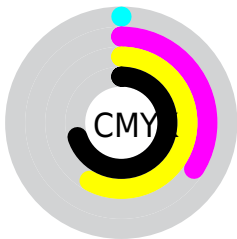
Distribution







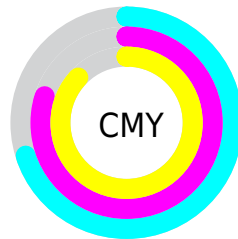
-  Red (30%)
-  Green (20%)
-  Blue (13%)






-  Red (30%)
-  Yellow (25%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (58%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (80%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1239, 4.7436, 8.4573 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 20.1239, 4.7436, 8.4573 by changing the saturation by 10% instead.

■ 20.1239, 4.7436,
8.4573

■ 20.1239, 4.7436,
8.4573

■ 118.4144, 3.7976,
22.3176

■ 13.0442, 4.4277,
6.8602

■ 37.0471, 5.0258,
11.8568

■ 6.5165, 5.8342,
4.5615

■ 46.7122, 5.0340,
13.4354

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0965, 4.9698,
14.9675

0.0000, NaN, NaN

■ 68.1533, 4.8414,
16.4679

0.0000, NaN, NaN

■ 79.8440, 4.6554,
17.9467

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.1359, 4.4168,

19.4113

0.0000, NaN, NaN

105.0008, 4.1297,
20.8669

20.1239, 4.7436,
8.4573

20.1239, 4.7436,
8.4573

19.0854, 6.1376,
9.1320

21.2234, 3.4496,
7.6044

18.1119, 7.6305,
9.6112

22.3773, 2.2582,
6.5901

17.2095, 9.2097,
9.8851

23.5812, 1.1652,
5.4315

16.3698, 10.7909,
10.1511

24.8307, 0.1656,
4.1444

16.2442, 11.0329,
10.2027

26.1221, -0.7467,
2.7429

■ 27.4518, -1.5781,
1.2395

■ 28.8168, -2.3351,
-0.3551

■ 30.2142, -3.0239,
-2.0313

■ 31.6418, -3.6504,
-3.7810

Harmonies

Analogous

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



20.1244, 9.6447, 5.9207



20.1239, 4.7436, 8.4573



20.1244, -1.2819, 9.1973

Triad

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



20.1244, 4.7426, 8.4576



20.1244, -11.2450, 0.8971



20.1244, 5.1430, -10.5764

Complementary

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



20.1239, 4.7436, 8.4573



19.6693, -3.1288, -9.0988

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.



20.1244, -0.8670, -13.0303



20.1239, 4.7436, 8.4573



20.1244, -9.9344, -5.3324

Square

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



20.1244, 4.7426, 8.4576



20.1244, -10.1039, 5.6673



20.1244, -6.2984, -10.8802



20.1244, 9.8940, -4.8889

Rectangle

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



20.1239, 4.7436, 8.4573



20.1244, -5.0041, 8.8118



20.1244, -6.2984, -10.8802



20.1244, 3.1811, -11.8699

Sweetspot

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



20.1244, 4.7426, 8.4576



32.3159, 0.2416, 5.4359



17.0847, 15.5210, -3.2086



16.4186, 0.2365, 2.9425



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.



20.1244, 4.7426, 8.4576



24.3367, 8.7753, 12.1842



25.4559, -4.4367, 12.4253



13.4126, -0.3744, 1.4255



21.3489, 15.6987, 13.4299



50.2726, 42.4712, 31.7213

Inverse Universe

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



19.6693, -3.1288, -9.0988



23.6010, -3.5018, -15.4574



14.4554, 6.2970, -19.7801



13.3770, -1.0194, 0.0034



20.1987, -0.3652, -24.4583



47.2735, 2.3959, -64.2597

Previews

White Background



This preview shows how the HunterLab color 20.1239, 4.7436, 8.4573 looks on a white background.

Color Contrast Check

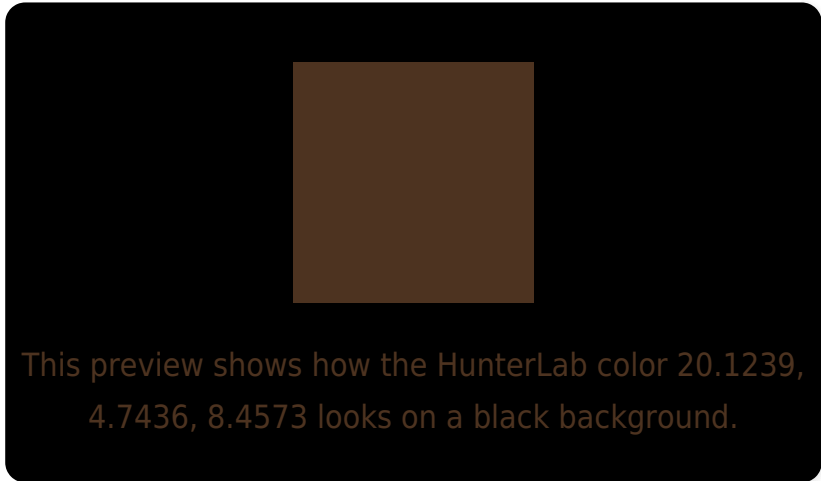
Large Text (above 18pt) WCAG AA ✓ Pass

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

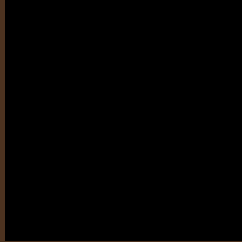
Any Text WCAG AA × Fail

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 20.1239, 4.7436, 8.4573 Background



This preview shows how black text looks on a background with the HunterLab color 20.1239, 4.7436, 8.4573.

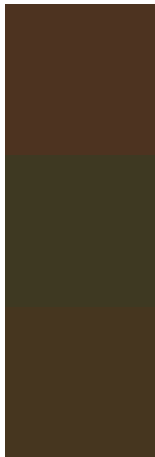


This preview shows how white text looks on a background with the HunterLab color 20.1239, 4.7436,

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

20.1239, 4.7436, 8.4573

Protanopia

20.1640, -2.1927, 7.9367

Deuteranopia

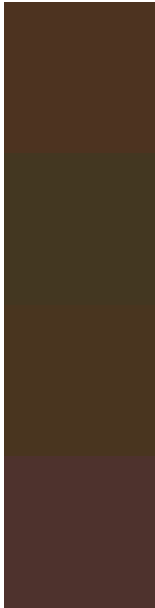
20.0981, 1.1735, 8.5807



Tritanopia

20.1600, 7.7515, 3.0035

Trichromacy



Original Color

20.1239, 4.7436, 8.4573

Protanomaly

20.0885, -0.0080, 8.1316

Deuteranomaly

20.1534, 2.5341, 8.6491

Tritanomaly

20.2247, 6.5839, 5.2996

Monochromacy



Original Color

20.1239, 4.7436, 8.4573

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.0892, 0.5101, 4.1350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1239, 4.7436, 8.4573 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(77, 51, 32)` looks like.

```
.text, #text, p{  
    color:rgb(77, 51, 32)  
}
```

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(77, 51, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 51, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1239, 4.7436, 8.4573 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(77, 51, 32) }
```


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

```
.border{ border-color:rgb(77, 51, 32) }
```

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

Here you see how a box with a 4 pixel rgb(77, 51, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 51, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 51, 32);  
box-shadow:4px 4px 4px 4px rgb(77, 51, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1239, 4.7436, 8.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 51, 32) }
```

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

```
.background{ background-color: rgb(77, 51,  
32) }
```

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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