

Converting Colors

HunterLab(24.3873, -2.5382,
4.5561)

Have a look what the booklet for
HunterLab(24.3873, -2.5382, 4.5561)
contains.

HunterLab(24.5126, -2.6163, 4.7186)	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(24.5126, -2.6163,
4.7186)**

Conversions

Conversions Part 1

Format	Color
Hex	46463C
RGB	70, 70, 60
RGB Percent	27%, 27%, 24%
CMY	0.7255, 0.7255, 0.7647
CMYK	0.00, 0.00, 0.14, 0.73
HSL	60°, 8%, 25%
HSV	60°, 14%, 27%
XYZ	5.5316, 6.0087, 5.1432
YIQ	68.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

Format	Color
RYB	60, 70, 60
Decimal	4605500
CIELab	29.44, -2.07, 6.04
CIElCh	29, 6.385, 108.960
Yxy	6.0089, 0.3316, 0.3602
Android (android.graphics.Color)	4282795580 (0xFF46463C)
YUV	68.8600, -4.3680, 0.9998
Hunter-Lab	24.5126, -2.6163, 4.7186

Details

The HunterLab color **24.5126, -2.6163, 4.7186** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.5285, 0.3417, -2.6870**, and the grayscale version is **24.3602, -1.2998, 1.3235**.

A 20% lighter version of the original color is **42.2729, -3.8682, 6.4712**, and **10.2983, -1.5018, 3.0248** is the 20% darker color. If you saturate the color by 10%, you get **24.3715, -3.4027, 6.7639**, and if you desaturate by 10%, it is **24.6739, -1.7310, 2.4131**.

Distribution



Red (27%)

Green (27%)

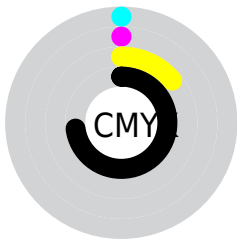
Blue (24%)



Red (24%)

Yellow (27%)

Blue (24%)



Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5126, -2.6163, 4.7186 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 24.5126, -2.6163, 4.7186 by changing the saturation by 10% instead.

■ 24.5126, -2.6163,
4.7186

■ 24.5126, -2.6163,
4.7186

■ 126.1564, -9.0119,
13.0232

■ 16.8835, -2.0531,
3.8419

■ 42.3671, -3.8373,
6.4669

■ 10.2674, -1.5186,
3.0576

■ 52.4412, -4.4930,
7.3543

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.2072, -5.1781,
8.2557

0.0000, NaN, NaN

■ 74.6233, -5.8915,
9.1733

0.0000, NaN, NaN

■ 86.6543, -6.6324,
10.1083

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.2703, -7.4000,

11.0613

0.0000, NaN, NaN

112.4453, -8.1934,
12.0329

■ 24.5126, -2.6163,
4.7186

■ 24.5126, -2.6163,
4.7186

■ 24.3715, -3.4027,
6.7639

■ 24.6739, -1.7310,
2.4131

■ 24.2484, -4.0891,
8.5500

■ 24.8540, -0.7450,
-0.1535

■ 24.1434, -4.6777,
10.0814

■ 25.0538, 0.3404,
-2.9789

■ 24.0557, -5.1709,
11.3645

■ 25.2735, 1.5238,
-6.0597

■ 23.9847, -5.5722,
12.4082

■ 25.5131, 2.8031,
-9.3906

■ 23.9292, -5.8860,
13.2242

■ 25.7727, 4.1759,
-12.9652

■ 23.8883, -6.1179,
13.8270

■ 26.0522, 5.6393,
-16.7759

■ 23.8560, -6.3016,
14.3042

■ 26.3516, 7.1900,
-20.8141

■ 23.8376, -6.4064,
14.5764

■ 26.6706, 8.8242,
-25.0705

Harmonies

Analogous

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



24.5131, -0.5255, 4.8364



24.5126, -2.6163, 4.7186



24.5131, -4.3025, 3.7414

Triad

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



24.5131, -2.6169, 4.7189



24.5131, -3.9232, -1.7673



24.5131, 2.8122, 0.5818

Complementary

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



24.5126, -2.6163, 4.7186



21.5285, 0.3417, -2.6870

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.



24.5131, 1.8348, -1.3446



24.5126, -2.6163, 4.7186



24.5131, -2.0833, -2.7754

Square

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



24.5131, -2.6169, 4.7189



24.5131, -5.0388, 0.0435



24.5131, 0.0264, -2.6145



24.5131, 2.6575, 2.5585

Rectangle

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



24.5126, -2.6163, 4.7186



24.5131, -4.9914, 2.6832



24.5131, 0.0264, -2.6145



24.5131, 2.6038, -0.0959

Sweetspot

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



24.5131, -2.6169, 4.7189



32.5444, -2.2679, 3.1433



22.0459, 1.5590, 2.1146



16.4426, -1.1731, 1.6587



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



24.5131, -2.6169, 4.7189



32.2631, -3.8201, 7.1832



24.1468, -3.9207, 4.3136



13.1086, -1.1333, 1.8349



34.1852, -9.1876, 20.9039



84.3961, -22.6834, 51.6074

Inverse Universe

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



21.5285, 0.3417, -2.6870



27.4034, 1.0084, -4.9044



21.9041, 1.6112, -2.1597



12.1440, -0.1796, -0.5521



9.5373, 25.8687, -67.7572



23.5447, 63.8640, -167.2868

Previews

White Background



This preview shows how the HunterLab color 24.5126, -2.6163, 4.7186 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 24.5126, -2.6163, 4.7186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

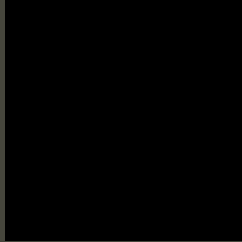
Any Text WCAG AA × Fail

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 24.5126, -2.6163, 4.7186 Background



This preview shows how black text looks on a background with the HunterLab color 24.5126, -2.6163, 4.7186.



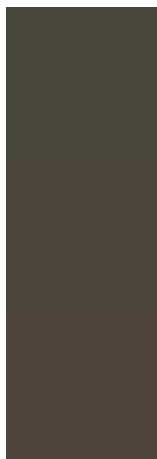
This preview shows how white text looks on a background with the HunterLab color 24.5126, -2.6163, 4.7186.

4.7186.

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

24.5126, -2.6163, 4.7186

Protanopia

24.4928, -1.3843, 4.7196

Deuteranopia

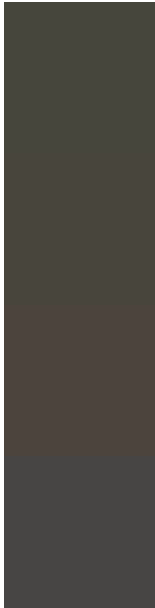
24.5224, 1.2980, 4.4591



Tritanopia

24.4806, 0.4865, -0.1728

Trichromacy



Original Color

24.5126, -2.6163, 4.7186

Protanomaly

24.4135, -1.6606, 4.6324

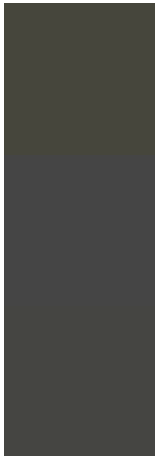
Deuteranomaly

24.5105, 0.0004, 4.4239

Tritanomaly

24.5218, -0.9117, 1.8714

Monochromacy



Original Color

24.5126, -2.6163, 4.7186

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.3204, -1.7108, 2.3907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5126, -2.6163, 4.7186 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(70, 70, 60)` looks like.

```
.text, #text, p{  
    color:rgb(70, 70, 60)  
}
```

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(70, 70, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 70, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5126, -2.6163, 4.7186 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(70, 70, 60) }
```


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

```
.border{ border-color:rgb(70, 70, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 70, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 70, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 70, 60);  
box-shadow:4px 4px 4px 4px rgb(70, 70, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.5126, -2.6163, 4.7186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 70, 60) }
```

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

```
.background{ background-color: rgb(70, 70,  
60) }
```

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