

Converting Colors

HunterLab(45.5209, -25.4141,
4.7857)

Have a look what the booklet for
HunterLab(45.5209, -25.4141,
4.7857) contains.

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Color

**HunterLab(45.4378,
-25.3428, 4.7815)**

Conversions

Conversions Part 1

Format	Color
Hex	2D8C77
RGB	45, 140, 119
RGB Percent	18%, 55%, 47%
CMY	0.8235, 0.4510, 0.5333
CMYK	0.68, 0.00, 0.15, 0.45
HSL	167°, 51%, 36%
HSV	167°, 68%, 55%
XYZ	13.7900, 20.6459, 20.7110
YIQ	109.2010, -49.8790, -26.6710

Conversions

Conversions Part 2

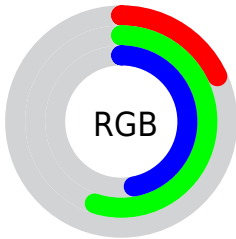
Format	Color
R_{YB}	45, 98, 140
Decimal	2985079
CIE _{Lab}	52.56, -32.79, 3.19
CIE _{LCh}	53, 32.939, 174.449
Yxy	20.6467, 0.2501, 0.3744
Android (android.graphics.Color)	4281175159 (0xFF2D8C77)
YUV	109.2010, 4.8309, -56.3043
Hunter-Lab	45.4378, -25.3428, 4.7815

Details

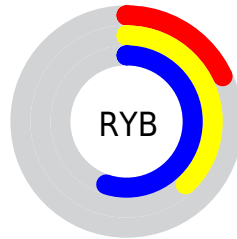
The HunterLab color **45.4378, -25.3428, 4.7815** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **28.0109, 32.1519, 6.9116**, and the grayscale version is **39.1792, -2.0905, 2.1287**.

A 20% lighter version of the original color is **66.6389, -30.2702, 6.2534**, and **27.5675, -17.7478, 3.8553** is the 20% darker color. If you saturate the color by 10%, you get **45.0633, -27.0079, 5.5932**, and if you desaturate by 10%, it is **45.9285, -23.2395, 4.0849**.

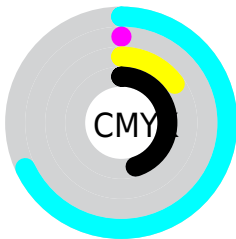
Distribution



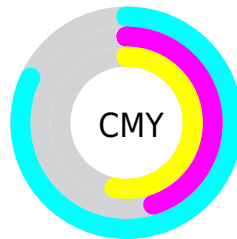
- Red (18%)
- Green (55%)
- Blue (47%)



- Red (18%)
- Yellow (38%)
- Blue (55%)



- Cyan (68%)
- Magenta (0%)
- Yellow (15%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4378, -25.3428, 4.7815 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 45.4378, -25.3428, 4.7815 by changing the saturation by 10% instead.

■ 45.4378, -25.3428,
4.7815

■ 45.4378, -25.3428,
4.7815

159.8109,
-45.7125, 12.2643

■ 35.8692, -22.6818,
4.0762

■ 66.7075, -30.2906,
6.2711

■ 27.0857, -19.8343,
3.3956

■ 78.3193, -32.6330,
7.0542

■ 19.1659, -16.7196,
2.7383

■ 90.5361, -34.9122,
7.8624

■ 12.2170, -13.7628,
2.0991

■ 103.3294,
-37.1407, 8.6954

■ 5.3243, -9.3176,
2.7704

■ 116.6743,
-39.3281, 9.5526

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 130.5489,

-41.4821, 10.4335

0.0000, NaN, NaN

144.9335,
-43.6086, 11.3375

0.0000, NaN, NaN

■ 45.4378, -25.3428,
4.7815

■ 45.4378, -25.3428,
4.7815

■ 45.0633, -27.0079,
5.5932

■ 45.9285, -23.2395,
4.0849

■ 44.7929, -28.2576,
6.5012

■ 46.5393, -20.6888,
3.5157

■ 44.6047, -29.1760,
7.4734

■ 47.2751, -17.6958,
3.0846

■ 44.5669, -29.3626,
7.6806

■ 48.1382, -14.2765,
2.7983

■ 49.1290, -10.4553,
2.6604

■ 50.2463, -6.2631,
2.6711

■ 51.4880, -1.7348,
2.8282

■ 52.8505, 3.0930,
3.1272

■ 54.3300, 8.1831,
3.5619

Harmonies

Analogous

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



45.4387, -21.5556, 14.5459



45.4378, -25.3428, 4.7815



45.4387, -23.5930, -8.8915

Triad

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



45.4387, -25.3431, 4.7820



45.4387, 8.7421, -25.9914



45.4387, 13.5535, 18.2431

Complementary

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



45.4378, -25.3428, 4.7815



28.0109, 32.1519, 6.9116

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.



45.4387, 23.5014, 11.4971



45.4378, -25.3428, 4.7815



45.4387, 20.5057, -14.2192

Square

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



45.4387, -25.3431, 4.7820



45.4387, -4.8937, -29.3289



45.4387, 26.1821, 0.0368



45.4387, 0.0936, 20.7370

Rectangle

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



45.4378, -25.3428, 4.7815



45.4387, -19.4039, -18.2678



45.4387, 26.1821, 0.0368



45.4387, 17.4786, 16.5126

Sweetspot

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



45.4387, -25.3431, 4.7820



64.8785, -15.2332, 3.5605



44.8839, -30.1136, 23.8501



30.9841, -7.9246, 1.7282



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



45.4387, -25.3431, 4.7820



59.6432, -36.7315, 7.9971



38.2592, -11.3906, -15.0750



23.8118, -3.2423, 1.2651



42.0128, -27.6558, 7.1885



3.4557, -2.0639, 0.1360

Inverse Universe

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



28.0109, 32.1519, 6.9116



33.7638, 50.1321, 12.4077



31.9181, 19.6444, 15.3994



22.5067, 0.8646, 1.3066



22.4596, 38.8646, 11.3973



1.8810, 3.3526, 0.1972

Previews

White Background



This preview shows how the HunterLab color 45.4378, -25.3428, 4.7815 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.4378, -25.3428, 4.7815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

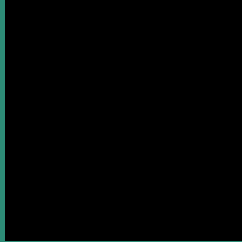
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 45.4378, -25.3428, 4.7815 Background



This preview shows how black text looks on a background with the HunterLab color 45.4378, -25.3428, 4.7815.



This preview shows how white text looks on a background with the HunterLab color 45.4378, -25.3428, 4.7815.

-25.3428, 4.7815.

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

45.4378, -25.3428, 4.7815

Protanopia

45.0653, -2.4867, 7.9396

Deuteranopia

45.1920, 2.7899, 3.3113



Tritanopia

45.4031, -17.2775, -8.3718

Trichromacy



Original Color

45.4378, -25.3428, 4.7815

Protanomaly

44.5341, -13.1406, 6.0172

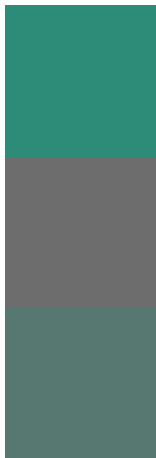
Deuteranomaly

44.4821, -9.8621, 2.6952

Tritanomaly

45.2265, -20.2237, -3.5120

Monochromacy



Original Color

45.4378, -25.3428, 4.7815

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

40.7476, -12.0170, 2.1660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4378, -25.3428, 4.7815 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(45, 140, 119)` looks like.

```
.text, #text, p{  
    color:rgb(45, 140, 119)  
}
```

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(45, 140, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 140, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4378, -25.3428, 4.7815 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(45, 140, 119) }
```


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

```
.border{ border-color:rgb(45, 140, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 140, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 140, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 140, 119);  
box-shadow:4px 4px 4px 4px rgb(45, 140,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4378, -25.3428, 4.7815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 140, 119) }
```

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

```
.background{ background-color: rgb(45, 140,  
119) }
```

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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