

Converting Colors

HunterLab(37.5465, -25.1535,
16.5794)

Have a look what the booklet for
HunterLab(37.5465, -25.1535,
16.5794) contains.

HunterLab(37.5732, -25.1140, 16.6045)	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(37.5732,
-25.1140, 16.6045)**

Conversions

Conversions Part 1

Format	Color
Hex	307739
RGB	48, 119, 57
RGB Percent	19%, 47%, 22%
CMY	0.8118, 0.5333, 0.7765
CMYK	0.60, 0.00, 0.52, 0.53
HSL	128°, 43%, 33%
HSV	128°, 60%, 47%
XYZ	8.5543, 14.1175, 6.1450
YIQ	90.7030, -22.4140, -34.3340

Conversions

Conversions Part 2

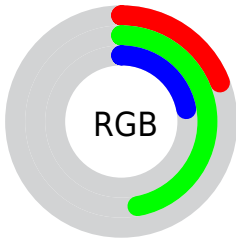
Format	Color
R_{YB}	48, 111, 119
Decimal	3176249
CIE _{Lab}	44.40, -36.28, 27.42
CIE _{LCh}	44, 45.477, 142.913
Yxy	14.1180, 0.2969, 0.4899
Android (android.graphics.Color)	4281366329 (0xFF307739)
YUV	90.7030, -16.6156, -37.4505
Hunter-Lab	37.5732, -25.1140, 16.6045

Details

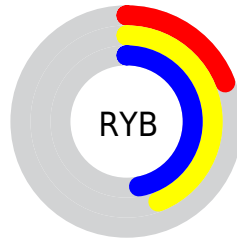
The HunterLab color $37.5732, -25.1140, 16.6045$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $26.7617, 29.7356, -15.6722$, and the grayscale version is $32.3008, -1.7235, 1.7550$.

A 20% lighter version of the original color is $57.6989, -30.8428, 21.2807$, and $20.6891, -17.3240, 11.5379$ is the 20% darker color. If you saturate the color by 10%, you get $37.1123, -27.2697, 18.1601$, and if you desaturate by 10%, it is $38.1599, -22.4373, 14.7741$.

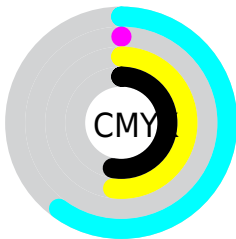
Distribution



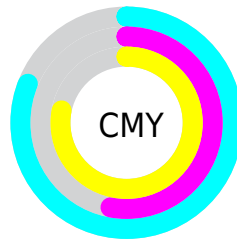
- Red (19%)
- Green (47%)
- Blue (22%)



- Red (19%)
- Yellow (44%)
- Blue (47%)



- Cyan (60%)
- Magenta (0%)
- Yellow (52%)
- Black (53%)



- Cyan (81%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5732, -25.1140, 16.6045 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 37.5732, -25.1140, 16.6045 by changing the saturation by 10% instead.

■ 37.5732, -25.1140,
16.6045

■ 37.5732, -25.1140,
16.6045

147.6360,
-47.6269, 35.1895

■ 28.6405, -22.0338,
14.1207

■ 57.7047, -30.7213,
21.1645

■ 20.5548, -18.6674,
11.4308

■ 68.7984, -33.3350,
23.3055

■ 13.4172, -15.1016,
9.3920

■ 80.5239, -35.8585,
25.3819

■ 6.9807, -12.2162,
4.8865

■ 92.8489, -38.3100,
27.4080

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7456,
-40.7032, 29.3944

0.0000, NaN, NaN

■ 119.1895,

0.0000, NaN, NaN

-43.0484, 31.3493

0.0000, NaN, NaN

133.1594,
-45.3541, 33.2793

■ 37.5732, -25.1140,
16.6045

■ 37.5732, -25.1140,
16.6045

■ 37.1123, -27.2697,
18.1601

■ 38.1599, -22.4373,
14.7741

■ 36.7690, -28.9051,
19.4311

■ 38.8732, -19.2524,
12.6846

■ 36.5354, -30.0427,
20.4175

■ 39.7150, -15.5876,
10.3588

■ 36.3766, -30.8239,
21.1120

■ 40.6843, -11.4811,
7.8229

■ 36.3716, -30.8477,
21.1300

■ 41.7786, -6.9771,
5.1054

■ 42.9942, -2.1235,
2.2350

■ 44.3267, 3.0319,
-0.7606

■ 45.7705, 8.4428,
-3.8557

■ 47.3202, 14.0667,
-7.0273

Harmonies

Analogous

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



37.5740, -14.1485, 21.1207



37.5732, -25.1140, 16.6045



37.5740, -29.7430, 5.7583

Triad

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



37.5740, -25.1146, 16.6047



37.5740, -6.0400, -45.1299



37.5740, 33.9791, 12.4333

Complementary

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



37.5732, -25.1140, 16.6045



26.7617, 29.7356, -15.6722

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.



37.5740, 37.2220, -2.0902



37.5732, -25.1140, 16.6045



37.5740, 11.9038, -40.5774

Square

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



37.5740, -25.1146, 16.6047



37.5740, -20.1038, -33.1611



37.5740, 28.5274, -22.6067



37.5740, 20.3339, 19.5898

Rectangle

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



37.5732, -25.1140, 16.6045



37.5740, -29.3385, -5.7720



37.5740, 28.5274, -22.6067



37.5740, 36.4123, 8.4764

Sweetspot

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



37.5740, -25.1146, 16.6047



54.6096, -14.6631, 10.0416



40.9499, -12.1584, 20.9714



26.4215, -7.8209, 5.3049



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.5740, -25.1146, 16.6047



49.4518, -37.4859, 25.0559



38.1989, -21.3412, 7.5250



20.2610, -3.2315, 2.3843



37.4880, -31.8033, 21.7974



82.7113, -70.4823, 48.7691

Inverse Universe

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



26.7617, 29.7356, -15.6722



32.7491, 48.1107, -24.8486



25.5873, 24.5828, 0.6818



19.3658, 1.2059, -0.2631



22.8603, 43.7816, -21.1401



50.3776, 96.3437, -45.5126

Previews

White Background



This preview shows how the HunterLab color 37.5732, -25.1140, 16.6045 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 × Fail

Black Background



This preview shows how the HunterLab color 37.5732, -25.1140, 16.6045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

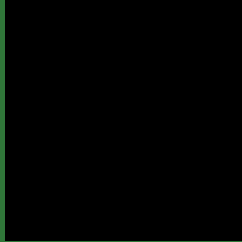
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.5732, -25.1140, 16.6045 Background



This preview shows how black text looks on a background with the HunterLab color 37.5732, -25.1140, 16.6045.



This preview shows how white text looks on a background with the HunterLab color 37.5732, -25.1140, 16.6045.

-25.1140, 16.6045.

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

37.5732, -25.1140, 16.6045

Protanopia

37.4111, -4.6752, 17.8219

Deuteranopia

37.3820, 2.2868, 15.8463



Tritanopia

37.4951, -11.5370, -5.7016

Trichromacy



Original Color

37.5732, -25.1140, 16.6045

Protanomaly

36.9356, -13.6220, 16.9187

Deuteranomaly

36.6583, -10.0527, 15.4985

Tritanomaly

37.4738, -17.5635, 4.5013

Monochromacy



Original Color

37.5732, -25.1140, 16.6045

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.7161, -11.5320, 7.5659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5732, -25.1140, 16.6045 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(48, 119, 57)` looks like.

```
.text, #text, p{  
  color:rgb(48, 119, 57)  
}
```

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(48, 119, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 119, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5732, -25.1140, 16.6045 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(48, 119, 57) }
```


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

```
.border{ border-color:rgb(48, 119, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 119, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 119, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 119, 57);  
box-shadow:4px 4px 4px 4px rgb(48, 119,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5732, -25.1140, 16.6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 119, 57) }
```

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

```
.background{ background-color: rgb(48, 119,  
57) }
```

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