

Converting Colors

HunterLab(37.1457, -27.4494,
25.9316)

Have a look what the booklet for
HunterLab(37.1457, -27.4494,
25.9316) contains.

HunterLab(37.5013, -26.1961, 22.6495)	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(37.5013,
-26.1961, 22.6495)**

Conversions

Conversions Part 1

Format	Color
Hex	397700
RGB	57, 119, 0
RGB Percent	22%, 47%, 0%
CMY	0.7765, 0.5333, 1.0000
CMYK	0.52, 0.00, 1.00, 0.53
HSL	91°, 100%, 23%
HSV	91°, 100%, 47%
XYZ	8.2841, 14.0635, 2.2779
YIQ	86.8960, 1.2470, -50.1530

Conversions

Conversions Part 2

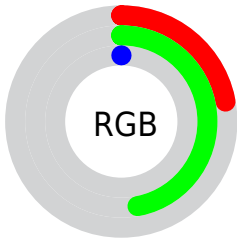
Format	Color
RYB	0, 119, 62
Decimal	3766016
CIELab	44.32, -38.33, 48.90
CIELCh	44, 62.130, 128.093
Yxy	14.0641, 0.3364, 0.5711
Android (android.graphics.Color)	4281956096 (0xFF397700)
YUV	86.8960, -42.8397, -26.2188
Hunter-Lab	37.5013, -26.1961, 22.6495

Details

The HunterLab color $[37.5013, -26.1961, 22.6495]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[15.3512, 34.9630, -57.3380]$, and the grayscale version is $[30.9864, -1.6534, 1.6836]$.

A 20% lighter version of the original color is $[57.6475, -32.2124, 30.2709]$, and $[20.9292, -17.9468, 12.5823]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.5019, -26.1976, 22.6499]$, and if you desaturate by 10%, it is $[37.7941, -24.9288, 22.3111]$.

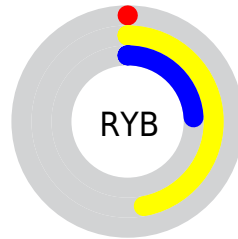
Distribution



Red (22%)

Green (47%)

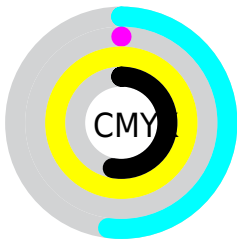
Blue (0%)



Red (0%)

Yellow (47%)

Blue (24%)

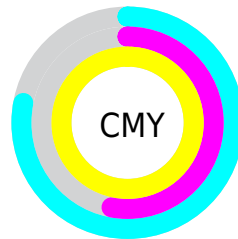


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (78%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5013, -26.1961, 22.6495 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 37.5013, -26.1961, 22.6495 by changing the saturation by 10% instead.

■ 37.5013, -26.1961,
22.6495

■ 37.5013, -26.1961,
22.6495

147.5226,
-49.7215, 52.4017

■ 28.5749, -22.9524,
18.5106

■ 57.6218, -32.0846,
30.2635

■ 20.4960, -19.3997,
14.3472

■ 68.7104, -34.8221,
33.7762

■ 13.3662, -15.7577,
9.3563

■ 80.4312, -37.4612,
37.1372

■ 6.9193, -12.1088,
4.8435

■ 92.7517, -40.0214,
40.3720

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6441,
-42.5173, 43.5010


0.0000, NaN, NaN


■ 119.0839,


0.0000, NaN, NaN


-44.9603, 46.5405


0.0000, NaN, NaN


 133.0498,
-47.3593, 49.5037


 37.5013, -26.1961,
22.6495


 37.5013, -26.1961,
22.6495


 37.5019, -26.1976,
22.6499

 37.7941, -24.9288,
22.3111

 38.1304, -23.4600,
21.7576

 38.5228, -21.7272,
20.8241

 38.9736, -19.7238,
19.4802

 39.4844, -17.4496,
17.7070

■ 40.0561, -14.9091,
15.4954

■ 40.6890, -12.1104,
12.8442

■ 41.3831, -9.0649,
9.7585

■ 42.1378, -5.7862,
6.2492

Harmonies

Analogous

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



37.5021, -8.2104, 24.6000



37.5013, -26.1961, 22.6495



37.5021, -35.6307, 14.8889

Triad

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



37.5021, -26.1968, 22.6497



37.5021, -17.5475, -64.6427



37.5021, 54.6754, 7.6502

Complementary

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



37.5013, -26.1961, 22.6495



15.3512, 34.9630, -57.3380

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.



37.5021, 50.3862, -18.0216



37.5013, -26.1961, 22.6495



37.5021, 4.6364, -71.3238

Square

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



37.5021, -26.1968, 22.6497



37.5021, -31.5705, -35.8017



37.5021, 30.4866, -50.6719



37.5021, 41.0642, 20.1554

Rectangle

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



37.5013, -26.1961, 22.6495



37.5021, -37.5671, 3.4564



37.5021, 30.4866, -50.6719



37.5021, 55.3325, 0.5689

Sweetspot

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



37.5021, -26.1968, 22.6497



54.3801, -16.5053, 17.4808



27.0407, 14.0898, 16.9085



26.3288, -8.6722, 9.1247



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.



37.5021, -26.1968, 22.6497



50.1018, -35.3922, 30.2529



36.3299, -31.1097, 21.7484



20.4358, -2.6410, 2.8493



38.6469, -27.0328, 23.3408



85.0176, -60.8990, 51.3213

Inverse Universe

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



15.3512, 34.9630, -57.3380



20.3387, 46.5571, -77.7592



22.8190, 44.7066, -28.8996



19.1702, 0.5846, -0.8275



15.8038, 36.0183, -59.1959



34.1445, 78.6689, -134.4889

Previews

White Background



This preview shows how the HunterLab color 37.5013, -26.1961, 22.6495 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 37.5013, -26.1961, 22.6495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

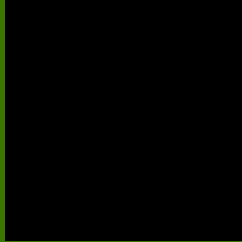
Any Text WCAG AA × Fail

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 37.5013, -26.1961, 22.6495 Background



This preview shows how black text looks on a background with the HunterLab color 37.5013, -26.1961, 22.6495.



This preview shows how white text looks on a background with the HunterLab color 37.5013,

-26.1961, 22.6495.

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

37.5013, -26.1961, 22.6495

Protanopia

37.3560, -5.5347, 22.9217

Deuteranopia

37.1684, 2.1262, 21.5618



Tritanopia

37.6574, -9.4996, -4.9390

Trichromacy



Original Color

37.5013, -26.1961, 22.6495

Protanomaly

36.9306, -14.3621, 22.5050

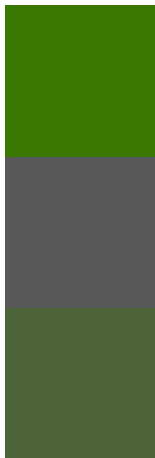
Deuteranomaly

36.4494, -10.1663, 21.5469

Tritanomaly

37.1287, -18.3139, 11.6393

Monochromacy



Original Color

37.5013, -26.1961, 22.6495

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.7659, -13.0396, 13.4216

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5013, -26.1961, 22.6495 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(57, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 119, 0)  
}
```

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(57, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 119, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5013, -26.1961, 22.6495 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(57, 119, 0) }
```


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

```
.border{ border-color:rgb(57, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(57, 119, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5013, -26.1961, 22.6495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 119, 0) }
```

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

```
.background{ background-color: rgb(57, 119,  
0) }
```

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