

Converting Colors

HunterLab(37.1997, -24.8003,
17.1547)

Have a look what the booklet for
HunterLab(37.1997, -24.8003,
17.1547) contains.

HunterLab(37.2720, -24.8229, 17.1744)	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(37.2720,
-24.8229, 17.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	327635
RGB	50, 118, 53
RGB Percent	20%, 46%, 21%
CMY	0.8039, 0.5372, 0.7921
CMYK	0.58, 0.00, 0.55, 0.54
HSL	123°, 40%, 33%
HSV	123°, 58%, 46%
XYZ	8.4364, 13.8920, 5.6049
YIQ	90.2580, -19.6630, -34.6310

Conversions

Conversions Part 2

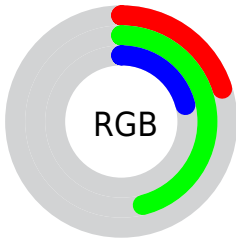
Format	Color
RYB	50, 115, 118
Decimal	3307061
CIELab	44.08, -35.92, 29.18
CIELCh	44, 46.280, 140.907
Yxy	13.8926, 0.3020, 0.4973
Android (android.graphics.Color)	4281497141 (0xFF327635)
YUV	90.2580, -18.3682, -35.3063
Hunter-Lab	37.2720, -24.8229, 17.1744

Details

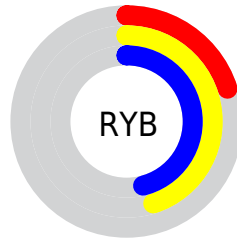
The HunterLab color $37.2720, -24.8229, 17.1744$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $27.1492, 29.4580, -18.1772$, and the grayscale version is $32.1420, -1.7150, 1.7463$.

A 20% lighter version of the original color is $57.4012, -30.4673, 22.1199$, and $20.6625, -17.4909, 11.9315$ is the 20% darker color. If you saturate the color by 10%, you get $36.7947, -27.0438, 18.7114$, and if you desaturate by 10%, it is $37.8794, -22.0577, 15.2970$.

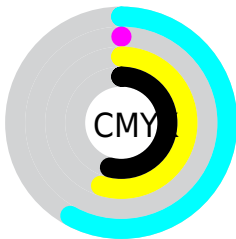
Distribution



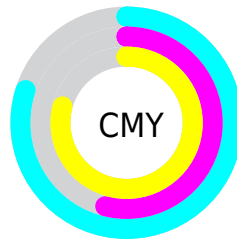
- Red (20%)
- Green (46%)
- Blue (21%)



- Red (20%)
- Yellow (45%)
- Blue (46%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (54%)



- Cyan (80%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2720, -24.8229, 17.1744 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 37.2720, -24.8229, 17.1744 by changing the saturation by 10% instead.

37.2720, -24.8229,
17.1744

37.2720, -24.8229,
17.1744

147.1603,
-47.1829, 36.6651

28.3655, -21.7633,
14.5431

57.3571, -30.3914,
21.9887

20.3086, -18.4179,
11.6991

68.4297, -32.9868,
24.2413

13.2038, -14.9339,
9.2426

80.1354, -35.4928,
26.4215

6.7195, -11.7591,
4.7036

92.4415, -37.9275,
28.5447

0.0000, NaN, NaN

0.0000, NaN, NaN

105.3200,
-40.3045, 30.6225

0.0000, NaN, NaN

118.7466,

0.0000, NaN, NaN

-42.6341, 32.6640

0.0000, NaN, NaN

132.6998,
-44.9248, 34.6763

■ 37.2720, -24.8229,
17.1744

■ 37.2720, -24.8229,
17.1744

■ 36.7947, -27.0438,
18.7114

■ 37.8794, -22.0577,
15.2970

■ 36.4395, -28.7198,
19.9039

■ 38.6176, -18.7634,
13.0924

■ 36.1984, -29.8735,
20.7611

■ 39.4880, -14.9713,
10.5831

■ 36.0455, -30.6091,
21.3028

■ 40.4895, -10.7229,
7.7976

■ 36.0123, -30.7674,
21.4057

■ 41.6191, -6.0661,
4.7675

■ 42.8727, -1.0518,
1.5262

■ 44.2453, 4.2695,
-1.8939

■ 45.7312, 9.8493,
-5.4620

■ 47.3243, 15.6432,
-9.1502

Harmonies

Analogous

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



37.2728, -13.3344, 21.3321



37.2720, -24.8229, 17.1744



37.2728, -29.9085, 6.7744

Triad

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



37.2728, -24.8235, 17.1746



37.2728, -7.1989, -45.9340



37.2728, 35.2629, 11.8006

Complementary

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



37.2720, -24.8229, 17.1744



27.1492, 29.4580, -18.1772

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.



37.2728, 37.7427, -3.4365



37.2720, -24.8229, 17.1744



37.2728, 10.8960, -42.4241

Square

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



37.2728, -24.8235, 17.1746



37.2728, -21.0512, -32.6861



37.2728, 28.1417, -24.5765



37.2728, 21.8883, 19.3837

Rectangle

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



37.2720, -24.8229, 17.1744



37.2728, -29.7819, -4.6042



37.2728, 28.1417, -24.5765



37.2728, 37.4849, 7.6301

Sweetspot

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



37.2728, -24.8235, 17.1746



53.7177, -14.0977, 10.2607



41.0885, -10.1212, 20.7869



25.6572, -7.1794, 5.1941



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.2728, -24.8235, 17.1746



48.6270, -36.6232, 25.3485



37.8309, -21.4519, 9.0486



20.2499, -3.2933, 2.5431



37.4558, -32.0055, 22.2742



82.6640, -70.7797, 49.4703

Inverse Universe

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



27.1492, 29.4580, -18.1772



33.1494, 47.2220, -29.1105



25.9579, 24.1988, -1.6936



19.3785, 1.2743, -0.4444



23.3477, 45.4843, -27.5533



51.5072, 100.2917, -60.3914

Previews

White Background



This preview shows how the HunterLab color 37.2720, -24.8229, 17.1744 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 37.2720, -24.8229, 17.1744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

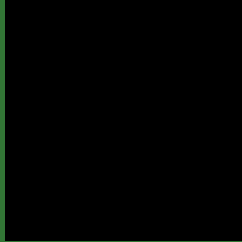
Any Text WCAG AA × Fail

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 37.2720, -24.8229, 17.1744 Background



This preview shows how black text looks on a background with the HunterLab color 37.2720, -24.8229, 17.1744.



This preview shows how white text looks on a background with the HunterLab color 37.2720, -24.8229, 17.1744.

-24.8229, 17.1744.

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

37.2720, -24.8229, 17.1744

Protanopia

37.0929, -4.4996, 18.3081

Deuteranopia

37.0691, 2.4375, 16.4819



Tritanopia

37.2602, -10.9687, -5.5078

Trichromacy



Original Color

37.2720, -24.8229, 17.1744

Protanomaly

36.5947, -13.5133, 17.4238

Deuteranomaly

36.3954, -9.6769, 16.1624

Tritanomaly

37.2019, -17.1597, 4.9864

Monochromacy



Original Color

37.2720, -24.8229, 17.1744

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.3857, -11.3834, 7.9038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2720, -24.8229, 17.1744 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(50, 118, 53)` looks like.

```
.text, #text, p{  
    color:rgb(50, 118, 53)  
}
```

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(50, 118, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 118, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2720, -24.8229, 17.1744 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(50, 118, 53) }
```


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

```
.border{ border-color:rgb(50, 118, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 118, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 118, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 118, 53);  
box-shadow:4px 4px 4px 4px rgb(50, 118,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2720, -24.8229, 17.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 118, 53) }
```

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

```
.background{ background-color: rgb(50, 118,  
53) }
```

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