

Converting Colors

HunterLab(37.6370, -23.3622,
17.6649)

Have a look what the booklet for
HunterLab(37.6370, -23.3622,
17.6649) contains.

HunterLab(37.6370, -23.3622, 17.6649)	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(37.6370,
-23.3622, 17.6649)**

Conversions

Conversions Part 1

Format	Color
Hex	3C7634
RGB	60, 118, 52
RGB Percent	24%, 46%, 20%
CMY	0.7647, 0.5372, 0.7961
CMYK	0.49, 0.00, 0.56, 0.54
HSL	113°, 39%, 33%
HSV	113°, 56%, 46%
XYZ	8.9617, 14.1654, 5.5107
YIQ	93.1340, -13.3820, -32.8220

Conversions

Conversions Part 2

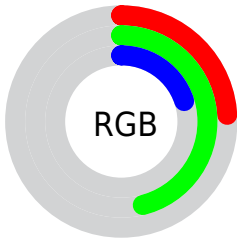
Format	Color
R_{YB}	52, 118, 110
Decimal	3962420
CIE _{Lab}	44.47, -33.07, 30.28
CIE _{LCh}	44, 44.838, 137.524
Yxy	14.1660, 0.3129, 0.4946
Android (android.graphics.Color)	4282152500 (0xFF3C7634)
YUV	93.1340, -20.2791, -29.0585
Hunter-Lab	37.6370, -23.3622, 17.6649

Details

The HunterLab color $[37.6370, -23.3622, 17.6649]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[26.6072, 26.7576, -21.3308]$, and the grayscale version is $[33.2118, -1.7721, 1.8045]$.

A 20% lighter version of the original color is $[57.8711, -28.6505, 22.8061]$, and $[20.6675, -17.4907, 12.0995]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.1224, -25.7162, 19.1895]$, and if you desaturate by 10%, it is $[38.2639, -20.5402, 15.7483]$.

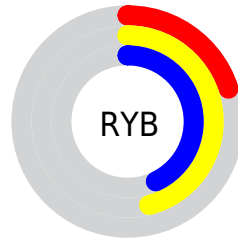
Distribution



Red (24%)

Green (46%)

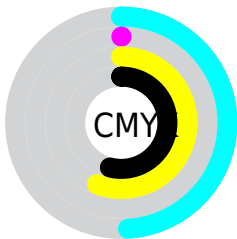
Blue (20%)



Red (20%)

Yellow (46%)

Blue (43%)

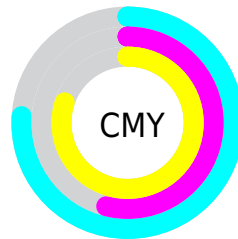


Cyan (49%)

Magenta (0%)

Yellow (56%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6370, -23.3622, 17.6649 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 37.6370, -23.3622, 17.6649 by changing the saturation by 10% instead.

37.6370, -23.3622,
17.6649

37.6370, -23.3622,
17.6649

147.7367,
-44.3106, 37.6891

28.6988, -20.5338,
14.9530

57.7783, -28.5366,
22.6235

20.6070, -17.4535,
12.0288

68.8764, -30.9589,
24.9413

13.4624, -14.0755,
9.4237

80.6062, -33.3038,
27.1826

7.0347, -12.3107,
4.9243

92.9352, -35.5873,
29.3636

0.0000, NaN, NaN

0.0000, NaN, NaN

105.8357,
-37.8214, 31.4963

0.0000, NaN, NaN

119.2833,

0.0000, NaN, NaN

-40.0153, 33.5900

0.0000, NaN, NaN

133.2567,
-42.1764, 35.6523

■ 37.6370, -23.3622,
17.6649

■ 37.6370, -23.3622,
17.6649

■ 37.1224, -25.7162,
19.1895

■ 38.2639, -20.5402,
15.7483

■ 36.7146, -27.5937,
20.3252

■ 39.0020, -17.2667,
13.4463

■ 36.4091, -29.0037,
21.0902

■ 39.8521, -13.5702,
10.7758

■ 36.1961, -29.9854,
21.5531

■ 40.8126, -9.4852,
7.7600

■ 36.1292, -30.2995,
21.7322

■ 41.8810, -5.0505,
4.4270

■ 43.0538, -0.3064,
0.8075

■ 44.3271, 4.7069,
-3.0670

■ 45.6963, 9.9508,
-7.1656

■ 47.1569, 15.3898,
-11.4590

Harmonies

Analogous

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



37.6378, -11.4282, 21.3588



37.6370, -23.3622, 17.6649



37.6378, -29.0848, 8.2111

Triad

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



37.6378, -23.3629, 17.6651



37.6378, -8.8679, -43.2116



37.6378, 34.8517, 10.3186

Complementary

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



37.6370, -23.3622, 17.6649



26.6072, 26.7576, -21.3308

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.



37.6378, 35.8732, -5.3720



37.6370, -23.3622, 17.6649



37.6378, 8.4356, -41.7805

Square

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



37.6378, -23.3629, 17.6651



37.6378, -21.7787, -29.1827



37.6378, 25.5102, -25.8631



37.6378, 22.9283, 18.6117

Rectangle

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



37.6370, -23.3622, 17.6649



37.6378, -29.4260, -2.2919



37.6378, 25.5102, -25.8631



37.6378, 36.5490, 5.9270

Sweetspot

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



37.6378, -23.3629, 17.6651



53.9181, -13.4160, 10.9138



38.8332, -5.5288, 18.8715



25.7598, -6.8288, 5.5269



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.



37.6378, -23.3629, 17.6651



49.0621, -34.8434, 25.9078



37.6990, -22.3816, 12.0267



20.2917, -3.1553, 2.6826



37.5735, -31.5341, 22.6005



82.8187, -70.1471, 49.8045

Inverse Universe

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



26.6072, 26.7576, -21.3308



32.0140, 43.3574, -35.3280



26.6692, 25.0197, -6.5678



19.3301, 1.1250, -0.6150



21.3918, 43.2490, -37.4543



46.9590, 95.1031, -83.4873

Previews

White Background



This preview shows how the HunterLab color 37.6370, -23.3622, 17.6649 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 37.6370, -23.3622, 17.6649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

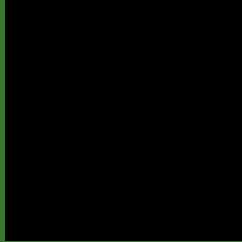
Any Text WCAG AA × Fail

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 37.6370, -23.3622, 17.6649 Background



This preview shows how black text looks on a background with the HunterLab color 37.6370, -23.3622, 17.6649.



This preview shows how white text looks on a background with the HunterLab color 37.6370,

-23.3622, 17.6649.

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

37.6370, -23.3622, 17.6649

Protanopia

37.4560, -4.6080, 18.5732

Deuteranopia

37.4152, 2.2581, 16.9606



Tritanopia

37.6574, -9.4996, -4.9390

Trichromacy



Original Color

37.6370, -23.3622, 17.6649

Protanomaly

37.2296, -12.6311, 18.0920

Deuteranomaly

36.9794, -9.0065, 16.8338

Tritanomaly

37.5847, -15.7294, 5.8053

Monochromacy



Original Color

37.6370, -23.3622, 17.6649

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.3542, -10.6560, 8.5430

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6370, -23.3622, 17.6649 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(60, 118, 52)` looks like.

```
.text, #text, p{  
    color:rgb(60, 118, 52)  
}
```

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(60, 118, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 118, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6370, -23.3622, 17.6649 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(60, 118, 52) }
```


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

```
.border{ border-color:rgb(60, 118, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 118, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 118, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 118, 52);  
box-shadow:4px 4px 4px 4px rgb(60, 118,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6370, -23.3622, 17.6649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 118, 52) }
```

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

```
.background{ background-color: rgb(60, 118,  
52) }
```

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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