

Converting Colors

HunterLab(37.7457, -22.1449,
20.3485)

Have a look what the booklet for
HunterLab(37.7457, -22.1449,
20.3485) contains.

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Color

**HunterLab(37.6610,
-22.0025, 20.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	477523
RGB	71, 117, 35
RGB Percent	28%, 46%, 14%
CMY	0.7216, 0.5412, 0.8627
CMYK	0.39, 0.00, 0.70, 0.54
HSL	94°, 54%, 30%
HSV	94°, 70%, 46%
XYZ	9.2632, 14.1835, 3.8396
YIQ	93.8980, -1.0940, -35.2540

Conversions

Conversions Part 2

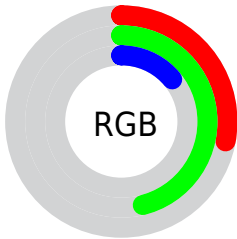
Format	Color
R_{YB}	35, 117, 81
Decimal	4683043
CIE _{Lab}	44.50, -30.66, 38.72
CIE _{LCh}	44, 49.385, 128.375
Yxy	14.1841, 0.3395, 0.5198
Android (android.graphics.Color)	4282873123 (0xFF477523)
YUV	93.8980, -29.0367, -20.0815
Hunter-Lab	37.6610, -22.0025, 20.3180

Details

The HunterLab color **37.6610, -22.0025, 20.3180** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **20.5821, 26.4758, -35.3366**, and the grayscale version is **33.5239, -1.7887, 1.8214**.

A 20% lighter version of the original color is **57.6428, -26.6897, 26.4248**, and **20.6953, -15.8993, 12.4740** is the 20% darker color. If you saturate the color by 10%, you get **37.2705, -23.7379, 21.2354**, and if you desaturate by 10%, it is **38.1148, -19.9859, 19.0015**.

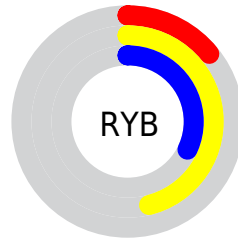
Distribution



Red (28%)

Green (46%)

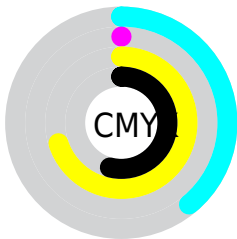
Blue (14%)



Red (14%)

Yellow (46%)

Blue (32%)

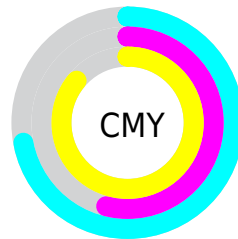


Cyan (39%)

Magenta (0%)

Yellow (70%)

Black (54%)



Cyan (72%)

Magenta (54%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6610, -22.0025, 20.3180 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 37.6610, -22.0025, 20.3180 by changing the saturation by 10% instead.

■ 37.6610, -22.0025,
20.3180

■ 37.6610, -22.0025,
20.3180

147.7746,
-41.7868, 44.6921

■ 28.7208, -19.3607,
16.9297

■ 57.8060, -26.8556,
26.4753

■ 20.6266, -16.4922,
13.7317

■ 68.9058, -29.1358,
29.3276

■ 13.4795, -13.3015,
9.4357

■ 80.6371, -31.3478,
32.0684

■ 7.0549, -12.3461,
4.9384

■ 92.9677, -33.5062,
34.7188

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8696,
-35.6218, 37.2948

0.0000, NaN, NaN

■ 119.3186,

0.0000, NaN, NaN

-37.7029, 39.8093

0.0000, NaN, NaN

133.2933,
-39.7561, 42.2723

37.6610, -22.0025,
20.3180

37.6610, -22.0025,
20.3180

37.2705, -23.7379,
21.2354

38.1148, -19.9859,
19.0015

36.9384, -25.1955,
21.7821

38.6309, -17.6863,
17.2680

36.6558, -26.4314,
22.1244

39.2112, -15.1104,
15.1098

39.8558, -12.2679,
12.5272

40.5644, -9.1718,
9.5269

■ 41.3364, -5.8372,
6.1208

■ 42.1706, -2.2811,
2.3250

■ 43.0656, 1.4788,
-1.8414

■ 44.0198, 5.4247,
-6.3570

Harmonies

Analogous

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



37.6618, -7.1546, 22.7113



37.6610, -22.0025, 20.3180



37.6618, -30.1674, 12.6858

Triad

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



37.6618, -22.0033, 20.3182



37.6618, -14.4788, -46.2584



37.6618, 41.0557, 6.7411

Complementary

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



37.6610, -22.0025, 20.3180



20.5821, 26.4758, -35.3366

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.



37.6618, 38.0279, -13.0274



37.6610, -22.0025, 20.3180



37.6618, 3.4232, -50.6207

Square

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



37.6618, -22.0033, 20.3182



37.6618, -26.4562, -26.3088



37.6618, 23.2799, -36.3177



37.6618, 30.8848, 17.8052

Rectangle

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



37.6610, -22.0025, 20.3180



37.6618, -31.8646, 3.0165



37.6618, 23.2799, -36.3177



37.6618, 41.5818, 1.0573

Sweetspot

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



37.6618, -22.0033, 20.3182



54.1374, -12.8979, 13.3683



31.0738, 6.0291, 16.2187



25.8602, -6.6133, 6.8315



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.



37.6618, -22.0033, 20.3182



49.5936, -32.9951, 28.9170



36.3699, -27.2173, 18.7908



20.4195, -2.6992, 2.8305



38.4635, -27.7915, 23.2145



84.6198, -62.5511, 51.0472

Inverse Universe

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



20.5821, 26.4758, -35.3366



23.4341, 42.5623, -61.0636



24.8483, 34.9081, -21.2861



19.1878, 0.6443, -0.8040



16.3345, 36.6362, -56.5979



35.3390, 80.0319, -128.4253

Previews

White Background



This preview shows how the HunterLab color 37.6610, -22.0025, 20.3180 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 37.6610, -22.0025, 20.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

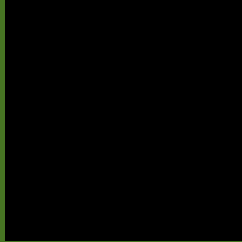
Any Text WCAG AA × Fail

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 37.6610, -22.0025, 20.3180 Background



This preview shows how black text looks on a background with the HunterLab color 37.6610, -22.0025, 20.3180.



This preview shows how white text looks on a background with the HunterLab color 37.6610, -22.0025, 20.3180.

-22.0025, 20.3180.

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

37.6610, -22.0025, 20.3180

Protanopia

37.4023, -5.0905, 20.7919

Deuteranopia

37.4436, 1.9925, 19.7857



Tritanopia

37.5290, -7.1449, -4.0777

Trichromacy



Original Color

37.6610, -22.0025, 20.3180

Protanomaly

37.0896, -11.9739, 20.3448

Deuteranomaly

37.0213, -7.7632, 19.6024

Tritanomaly

37.3566, -13.8641, 8.1230

Monochromacy



Original Color

37.6610, -22.0025, 20.3180

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.5864, -9.9914, 10.3316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6610, -22.0025, 20.3180 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(71, 117, 35)` looks like.

```
.text, #text, p{  
    color:rgb(71, 117, 35)  
}
```

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(71, 117, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 117, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6610, -22.0025, 20.3180 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(71, 117, 35) }
```


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

```
.border{ border-color:rgb(71, 117, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 117, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 117, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 117, 35);  
box-shadow:4px 4px 4px 4px rgb(71, 117,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6610, -22.0025, 20.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 117, 35) }
```

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

```
.background{ background-color: rgb(71, 117,  
35) }
```

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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