

Converting Colors

HunterLab(37.8032, -21.6712,
22.2632)

Have a look what the booklet for
HunterLab(37.8032, -21.6712,
22.2632) contains.

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Color

**HunterLab(37.8032,
-21.6710, 22.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	4C750E
RGB	76, 117, 14
RGB Percent	30%, 46%, 5%
CMY	0.7020, 0.5412, 0.9451
CMYK	0.35, 0.00, 0.88, 0.54
HSL	84°, 79%, 26%
HSV	84°, 88%, 46%
XYZ	9.4211, 14.2908, 2.6774
YIQ	92.9990, 8.6270, -40.7250

Conversions

Conversions Part 2

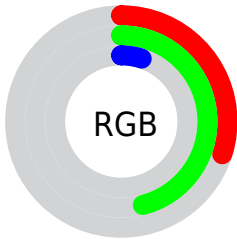
Format	Color
R _Y B	14, 117, 55
Decimal	5010702
CIE Lab	44.65, -30.01, 46.40
CIE LCh	45, 55.266, 122.895
Yxy	14.2914, 0.3570, 0.5415
Android (android.graphics.Color)	4283200782 (0xFF4C750E)
YUV	92.9990, -38.9465, -14.9081
Hunter-Lab	37.8032, -21.6710, 22.2631

Details

The HunterLab color $[37.8032, -21.6710, 22.2631]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[15.5280, 29.6623, -54.1757]$, and the grayscale version is $[33.2232, -1.7727, 1.8051]$.

A 20% lighter version of the original color is $[57.8556, -26.2278, 29.4214]$, and $[20.8049, -15.4414, 12.5495]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.5244, -22.8656, 22.6174]$, and if you desaturate by 10%, it is $[38.1192, -20.3086, 21.6399]$.

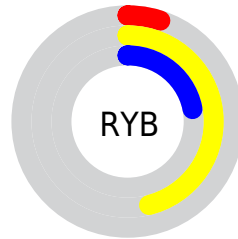
Distribution



Red (30%)

Green (46%)

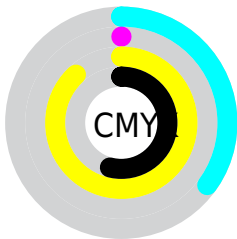
Blue (5%)



Red (5%)

Yellow (46%)

Blue (22%)

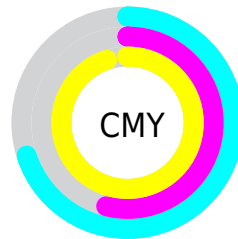


Cyan (35%)

Magenta (0%)

Yellow (88%)

Black (54%)



Cyan (70%)

Magenta (54%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8032, -21.6710, 22.2631 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 37.8032, -21.6710, 22.2631 by changing the saturation by 10% instead.

37.8032, -21.6710,
22.2631

37.8032, -21.6710,
22.2631

147.9988,
-41.1388, 50.6611

28.8507, -19.0813,
18.2799

57.9701, -26.4357,
29.5105

20.7430, -16.2728,
14.5201

69.0797, -28.6770,
32.8565

13.5805, -13.1378,
9.5064

80.8204, -30.8530,
36.0610

7.1733, -12.5533,
5.0213

93.1598, -32.9775,
39.1484

0.0000, NaN, NaN

0.0000, NaN, NaN

106.0702,
-35.0610, 42.1381


0.0000, NaN, NaN


119.5274,


0.0000, NaN, NaN


-37.1117, 45.0455


0.0000, NaN, NaN


 133.5099,
-39.1359, 47.8831


 37.8032, -21.6710,
22.2631


 37.8032, -21.6710,
22.2631


 37.5244, -22.8656,
22.6174


 38.1192, -20.3086,
21.6399

 37.4715, -23.0928,
22.6855

 38.4779, -18.7332,
20.6330

 38.8822, -16.9384,
19.2134

 39.3336, -14.9216,
17.3619

 39.8331, -12.6836,
15.0674

■ 40.3813, -10.2284,
12.3258

■ 40.9784, -7.5624,
9.1387

■ 41.6243, -4.6937,
5.5130

■ 42.3186, -1.6322,
1.4592

Harmonies

Analogous

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



37.8040, -4.0515, 23.8941



37.8032, -21.6710, 22.2631



37.8040, -31.8427, 15.7839

Triad

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



37.8040, -21.6719, 22.2633



37.8040, -18.8254, -51.1360



37.8040, 47.7888, 3.9602

Complementary

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



37.8032, -21.6710, 22.2631



15.5280, 29.6623, -54.1757

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.



37.8040, 41.4334, -20.1599



37.8032, -21.6710, 22.2631



37.8040, 0.0571, -60.5780

Square

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



37.8040, -21.6719, 22.2633



37.8040, -30.4710, -25.5674



37.8040, 22.7066, -46.9868



37.8040, 38.5592, 17.6183

Rectangle

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



37.8032, -21.6710, 22.2631



37.8040, -34.5090, 6.5382



37.8040, 22.7066, -46.9868



37.8040, 47.4071, -3.0485

Sweetspot

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



37.8040, -21.6719, 22.2633



54.1404, -13.2193, 15.9497



25.3077, 17.1539, 14.9209



25.8621, -6.7769, 8.1551



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.



37.8040, -21.6719, 22.2633



50.0624, -31.2240, 30.3016



36.0207, -29.0042, 21.0037



20.4866, -2.4610, 2.9078



39.3197, -24.2857, 23.8034



86.5057, -54.7982, 52.3451

Inverse Universe

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



15.5280, 29.6623, -54.1757



18.1360, 43.7395, -86.5823



21.4502, 38.9567, -32.6211



19.1165, 0.4021, -0.8994



14.3572, 34.4431, -67.1240



30.9451, 75.2779, -152.7420

Previews

White Background



This preview shows how the HunterLab color 37.8032, -21.6710, 22.2631 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 37.8032, -21.6710, 22.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

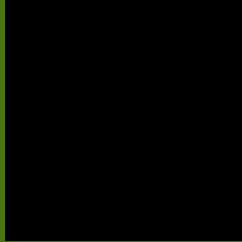
Any Text WCAG AA × Fail

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 37.8032, -21.6710, 22.2631 Background



This preview shows how black text looks on a background with the HunterLab color 37.8032, -21.6710, 22.2631.



This preview shows how white text looks on a background with the HunterLab color 37.8032, -21.6710, 22.2631.

-21.6710, 22.2631.

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

37.8032, -21.6710, 22.2631

Protanopia

37.7517, -5.4654, 22.7158

Deuteranopia

37.5426, 2.0980, 21.6269



Tritanopia

37.8418, -6.0191, -3.6415

Trichromacy



Original Color

37.8032, -21.6710, 22.2631

Protanomaly

37.4961, -12.1586, 22.3914

Deuteranomaly

37.1628, -7.4882, 21.5574

Tritanomaly

37.4865, -13.7067, 10.8553

Monochromacy



Original Color

37.8032, -21.6710, 22.2631

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.4951, -10.6523, 12.7323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8032, -21.6710, 22.2631 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(76, 117, 14)` looks like.

```
.text, #text, p{  
    color:rgb(76, 117, 14)  
}
```

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(76, 117, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 117, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8032, -21.6710, 22.2631 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(76, 117, 14) }
```


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

```
.border{ border-color:rgb(76, 117, 14) }
```

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

Here you see how a box with a 4 pixel rgb(76, 117, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 117, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 117, 14);  
box-shadow:4px 4px 4px 4px rgb(76, 117,  
14) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8032, -21.6710, 22.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 117, 14) }
```

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

```
.background{ background-color: rgb(76, 117,  
14) }
```

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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