

Converting Colors

HunterLab(33.8055, -21.8557,
14.3951)

Have a look what the booklet for
HunterLab(33.8055, -21.8557,
14.3951) contains.

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Color

**HunterLab(33.7084,
-21.6557, 14.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	2E6B36
RGB	46, 107, 54
RGB Percent	18%, 42%, 21%
CMY	0.8196, 0.5804, 0.7882
CMYK	0.57, 0.00, 0.50, 0.58
HSL	128°, 40%, 30%
HSV	128°, 57%, 42%
XYZ	7.0502, 11.3626, 5.3116
YIQ	82.7190, -19.3430, -29.4150

Conversions

Conversions Part 2

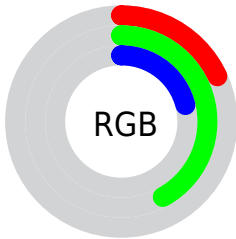
Format	Color
R_{YB}	46, 100, 107
Decimal	3042102
CIE _{Lab}	40.19, -32.09, 23.79
CIE _{LCh}	40, 39.949, 143.447
Yxy	11.3630, 0.2972, 0.4789
Android (android.graphics.Color)	4281232182 (0xFF2E6B36)
YUV	82.7190, -14.1585, -32.2026
Hunter-Lab	33.7084, -21.6557, 14.2532

Details

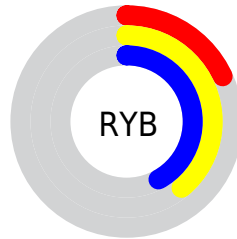
The HunterLab color $[33.7084, -21.6557, 14.2532]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[24.4557, 25.0301, -13.1112]$, and the grayscale version is $[29.3642, -1.5668, 1.5954]$.

A 20% lighter version of the original color is $[53.2468, -26.6942, 18.3461]$, and $[17.7416, -14.8166, 9.8092]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.2650, -23.7144, 15.7106]$, and if you desaturate by 10%, it is $[34.2624, -19.1468, 12.5636]$.

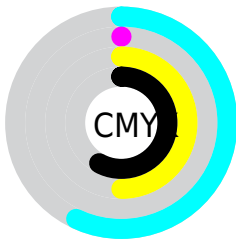
Distribution



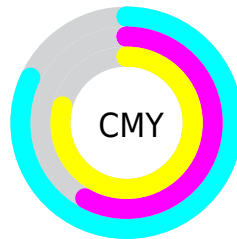
- Red (18%)
- Green (42%)
- Blue (21%)



- Red (18%)
- Yellow (39%)
- Blue (42%)



- Cyan (57%)
- Magenta (0%)
- Yellow (50%)
- Black (58%)



- Cyan (82%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7084, -21.6557, 14.2532 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 33.7084, -21.6557, 14.2532 by changing the saturation by 10% instead.

■ 33.7084, -21.6557,
14.2532

■ 33.7084, -21.6557,
14.2532

141.4714,
-42.3928, 31.1997

■ 25.1228, -18.8106,
11.9940

■ 53.2255, -26.8143,
18.3907

■ 17.4225, -15.6795,
9.5763

■ 64.0417, -29.2165,
20.3348

■ 10.7251, -13.9704,
7.5075

■ 75.5051, -31.5368,
22.2234

■ 1.4323, -2.5065,
1.0026

■ 87.5810, -33.7928,
24.0697

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.2397,
-35.9975, 25.8837

0.0000, NaN, NaN

■ 113.4557,

0.0000, NaN, NaN

-38.1609, 27.6730

0.0000, NaN, NaN

127.2062,
-40.2906, 29.4435

■ 33.7084, -21.6557,
14.2532

■ 33.7084, -21.6557,
14.2532

■ 33.2650, -23.7144,
15.7106

■ 34.2624, -19.1468,
12.5636

■ 32.9260, -25.3182,
16.9248

■ 34.9271, -16.2027,
10.6573

■ 32.6856, -26.4800,
17.8925

■ 35.7034, -12.8510,
8.5550

■ 32.5213, -27.2860,
18.6088

■ 36.5902, -9.1263,
6.2801

■ 32.4771, -27.4996,
18.7701

■ 37.5850, -5.0678,
3.8570

■ 38.6844, -0.7168,
1.3103

■ 39.8842, 3.8858,
-1.3368

■ 41.1798, 8.7010,
-4.0631

■ 42.5663, 13.6929,
-6.8497

Harmonies

Analogous

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



33.7091, -12.3391, 18.3683



33.7084, -21.6557, 14.2532



33.7091, -25.5615, 4.7648

Triad

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



33.7091, -21.6562, 14.2534



33.7091, -4.9697, -37.3672



33.7091, 28.2923, 10.8860

Complementary

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



33.7084, -21.6557, 14.2532



24.4557, 25.0301, -13.1112

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.



33.7091, 31.1764, -1.3843



33.7084, -21.6557, 14.2532



33.7091, 10.2166, -33.3885

Square

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



33.7091, -21.6562, 14.2534



33.7091, -17.0543, -27.7487



33.7091, 24.0808, -18.4599



33.7091, 16.7653, 17.0888

Rectangle

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



33.7084, -21.6557, 14.2532



33.7091, -25.1466, -5.0458



33.7091, 24.0808, -18.4599



33.7091, 30.3781, 7.5147

Sweetspot

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



33.7091, -21.6562, 14.2534



48.9031, -12.4569, 8.5513



36.6277, -10.5212, 18.2015



23.9721, -6.4911, 4.4265



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.7091, -21.6562, 14.2534



44.3664, -32.4199, 21.5296



34.2503, -18.4014, 6.3986



18.5759, -2.9243, 2.1570



35.8165, -30.3578, 20.7663



80.8014, -68.8239, 47.5762

Inverse Universe

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



24.4557, 25.0301, -13.1112



30.0275, 40.6056, -20.9339



23.4828, 20.6797, 0.4582



17.7691, 1.0631, -0.2094



21.8182, 41.7533, -19.9239



49.1579, 93.9250, -43.7433

Previews

White Background



This preview shows how the HunterLab color 33.7084, -21.6557, 14.2532 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 33.7084, -21.6557, 14.2532 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 33.7084, -21.6557, 14.2532 Background



This preview shows how black text looks on a background with the HunterLab color 33.7084, -21.6557, 14.2532.



This preview shows how white text looks on a background with the HunterLab color 33.7084,

-21.6557, 14.2532.

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

33.7084, -21.6557, 14.2532

Protanopia

33.4346, -3.5888, 15.1883

Deuteranopia

33.4593, 2.0465, 13.5600



Tritanopia

33.7226, -9.9072, -4.8309

Trichromacy



Original Color

33.7084, -21.6557, 14.2532

Protanomaly

33.1688, -11.6205, 14.6366

Deuteranomaly

32.8405, -8.3287, 13.1019

Tritanomaly

33.5171, -14.8305, 3.6748

Monochromacy



Original Color

33.7084, -21.6557, 14.2532

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.6990, -9.9826, 6.9010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7084, -21.6557, 14.2532 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(46, 107, 54)` looks like.

```
.text, #text, p{  
    color:rgb(46, 107, 54)  
}
```

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(46, 107, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 107, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7084, -21.6557, 14.2532 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(46, 107, 54) }
```


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

```
.border{ border-color:rgb(46, 107, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 107, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 107, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 107, 54);  
box-shadow:4px 4px 4px 4px rgb(46, 107,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7084, -21.6557, 14.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 107, 54) }
```

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

```
.background{ background-color: rgb(46, 107,  
54) }
```

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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