

Converting Colors

HunterLab(30.4749, -21.3100,
14.8103)

Have a look what the booklet for
HunterLab(30.4749, -21.3100,
14.8103) contains.

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Color

**HunterLab(30.4144,
-21.2684, 14.7942)**

Conversions

Conversions Part 1

Format	Color
Hex	246226
RGB	36, 98, 38
RGB Percent	14%, 38%, 15%
CMY	0.8588, 0.6157, 0.8510
CMYK	0.63, 0.00, 0.61, 0.62
HSL	122°, 46%, 26%
HSV	122°, 63%, 38%
XYZ	5.4451, 9.2504, 3.3322
YIQ	72.6220, -17.6920, -31.8040

Conversions

Conversions Part 2

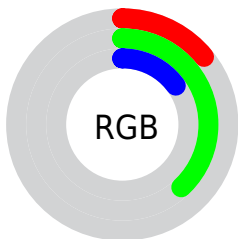
Format	Color
RYB	36, 96, 98
Decimal	2384422
CIELab	36.46, -33.38, 27.89
CIELCh	36, 43.500, 140.118
Yxy	9.2507, 0.3020, 0.5131
Android (android.graphics.Color)	4280574502 (0xFF246226)
YUV	72.6220, -17.0686, -32.1175
Hunter-Lab	30.4144, -21.2684, 14.7942

Details

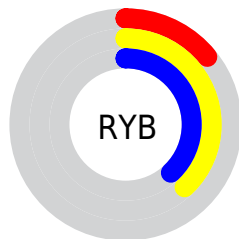
The HunterLab color $[30.4144, -21.2684, 14.7942]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[21.6866, 26.0801, -16.4353]$, and the grayscale version is $[25.7413, -1.3735, 1.3986]$.

A 20% lighter version of the original color is $[49.2194, -26.6151, 19.5100]$, and $[15.1037, -12.9514, 9.0801]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.0738, -22.8640, 15.9005]$, and if you desaturate by 10%, it is $[30.8563, -19.2398, 13.4099]$.

Distribution



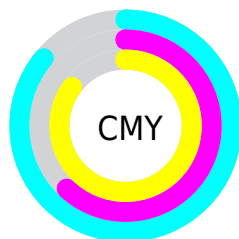
- Red (14%)
- Green (38%)
- Blue (15%)



- Red (14%)
- Yellow (38%)
- Blue (38%)



- Cyan (63%)
- Magenta (0%)
- Yellow (61%)
- Black (62%)



- Cyan (86%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4144, -21.2684, 14.7942 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 30.4144, -21.2684, 14.7942 by changing the saturation by 10% instead.

■ 30.4144, -21.2684,
14.7942

■ 30.4144, -21.2684,
14.7942

136.1020,
-42.9161, 34.0706

■ 22.1474, -18.2201,
12.1119

■ 49.3724, -26.7255,
19.6239

■ 14.8043, -14.8191,
10.2255

■ 59.9375, -29.2447,
21.8602

■ 8.4585, -14.8023,
5.9209

■ 71.1644, -31.6682,
24.0150

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.0159, -34.0166,
26.1067

0.0000, NaN, NaN

■ 95.4609, -36.3053,
28.1489

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.4722,

-38.5458, 30.1518

0.0000, NaN, NaN

122.0262,
-40.7471, 32.1237

30.4144, -21.2684,
14.7942

30.4144, -21.2684,
14.7942

30.0738, -22.8640,
15.9005

30.8563, -19.2398,
13.4099

29.8271, -24.0328,
16.7309

31.4008, -16.7837,
11.7539

29.6635, -24.8156,
17.2959

32.0499, -13.9198,
9.8402

29.5680, -25.2708,
17.5951

32.8034, -10.6765,
7.6888

33.6596, -7.0889,
5.3233

■ 34.6157, -3.1957,
2.7693

■ 35.6683, 0.9634,
0.0530

■ 36.8132, 5.3496,
-2.8005

■ 38.0459, 9.9263,
-5.7675

Harmonies

Analogous

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



30.4150, -11.2044, 18.0517



30.4144, -21.2684, 14.7942



30.4150, -25.7534, 6.1271

Triad

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



30.4150, -21.2689, 14.7944



30.4150, -6.5684, -41.5627



30.4150, 31.6928, 9.8763

Complementary

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



30.4144, -21.2684, 14.7942



21.6866, 26.0801, -16.4353

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.



30.4150, 33.6240, -3.6185



30.4144, -21.2684, 14.7942



30.4150, 9.3109, -38.7641

Square

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



30.4150, -21.2689, 14.7944



30.4150, -18.4608, -29.0916



30.4150, 24.7664, -22.6858



30.4150, 19.9224, 16.3583

Rectangle

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



30.4144, -21.2684, 14.7942



30.4150, -25.7394, -3.7533



30.4150, 24.7664, -22.6858



30.4150, 33.5939, 6.2235

Sweetspot

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



30.4150, -21.2689, 14.7944



43.8277, -12.4270, 9.0512



33.7680, -8.2804, 17.7321



21.2610, -6.5085, 4.7098



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.4150, -21.2689, 14.7944



39.6324, -31.1096, 21.6433



30.8684, -18.5152, 8.1820



16.9048, -2.6849, 2.0945



34.1181, -29.1732, 20.3320



78.8420, -67.5303, 47.2328

Inverse Universe

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



21.6866, 26.0801, -16.4353



26.4091, 41.4376, -26.0895



20.6192, 21.4897, -1.7249



16.2089, 0.9923, -0.3399



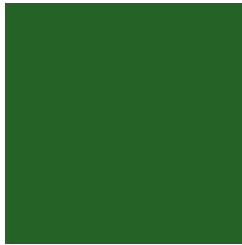
21.3376, 41.6733, -25.9940



49.2919, 96.2289, -59.7376

Previews

White Background



This preview shows how the HunterLab color 30.4144, -21.2684, 14.7942 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

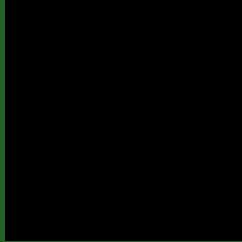
Any Text WCAG AA × Fail

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 30.4144, -21.2684, 14.7942 Background



This preview shows how black text looks on a background with the HunterLab color 30.4144, -21.2684, 14.7942.



This preview shows how white text looks on a background with the HunterLab color 30.4144,

-21.2684, 14.7942.

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

30.4144, -21.2684, 14.7942

Protanopia

30.3380, -4.0460, 15.6657

Deuteranopia

30.1040, 1.8935, 14.0818



Tritanopia

30.4716, -9.4177, -4.3567

Trichromacy



Original Color

30.4144, -21.2684, 14.7942

Protanomaly

29.8153, -11.5645, 15.0075

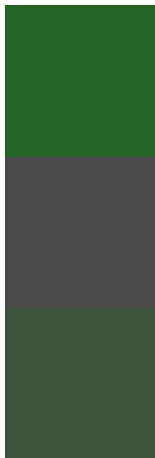
Deuteranomaly

29.4652, -8.4511, 13.7871

Tritanomaly

30.2028, -14.6229, 4.5718

Monochromacy



Original Color

30.4144, -21.2684, 14.7942

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.0583, -9.7736, 7.1348

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4144, -21.2684, 14.7942 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(36, 98, 38)` looks like.

```
.text, #text, p{  
    color:rgb(36, 98, 38)  
}
```

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(36, 98, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 98, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4144, -21.2684, 14.7942 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(36, 98, 38) }
```


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

```
.border{ border-color:rgb(36, 98, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 98, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 98, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 98, 38);  
box-shadow:4px 4px 4px 4px rgb(36, 98, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.4144, -21.2684, 14.7942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 98, 38) }
```

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

```
.background{ background-color: rgb(36, 98,  
38) }
```

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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