

Converting Colors

HunterLab(29.3611, -14.7080,
2.1960)

Have a look what the booklet for
HunterLab(29.3611, -14.7080,
2.1960) contains.

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Color

**HunterLab(29.3657,
-14.6763, 2.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	245C51
RGB	36, 92, 81
RGB Percent	14%, 36%, 32%
CMY	0.8588, 0.6392, 0.6823
CMYK	0.61, 0.00, 0.12, 0.64
HSL	168°, 44%, 25%
HSV	168°, 61%, 36%
XYZ	6.0399, 8.6234, 9.1308
YIQ	74.0020, -29.8450, -15.2930

Conversions

Conversions Part 2

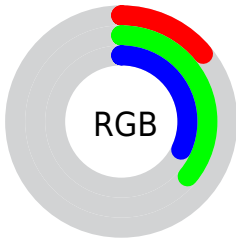
Format	Color
R_{YB}	36, 67, 92
Decimal	2382929
CIE _{Lab}	35.25, -21.37, 0.82
CIE _{LCh}	35, 21.390, 177.804
Yxy	8.6238, 0.2538, 0.3624
Android (android.graphics.Color)	4280573009 (0xFF245C51)
YUV	74.0020, 3.4500, -33.3278
Hunter-Lab	29.3657, -14.6763, 2.1208

Details

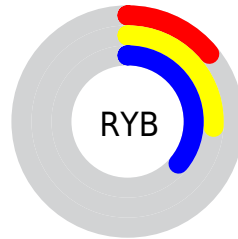
The HunterLab color **29.3657, -14.6763, 2.1208** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **19.3456, 17.4272, 3.9827**, and the grayscale version is **26.1654, -1.3961, 1.4216**.

A 20% lighter version of the original color is **48.2523, -18.6598, 3.4561**, and **14.4484, -9.0891, 1.5616** is the 20% darker color. If you saturate the color by 10%, you get **29.0727, -15.9272, 2.4747**, and if you desaturate by 10%, it is **29.7299, -13.1670, 1.8457**.

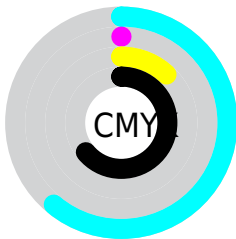
Distribution



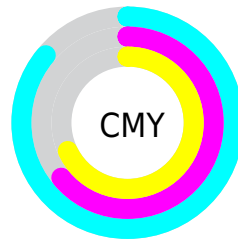
- Red (14%)
- Green (36%)
- Blue (32%)



- Red (14%)
- Yellow (26%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (12%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3657, -14.6763, 2.1208 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 29.3657, -14.6763, 2.1208 by changing the saturation by 10% instead.

■ 29.3657, -14.6763,
2.1208

■ 29.3657, -14.6763,
2.1208

■ 134.3674,
-30.3533, 8.1869

■ 21.2052, -12.6101,
1.6221

■ 48.1379, -18.4641,
3.2382

■ 13.9823, -10.3427,
1.1668

■ 58.6199, -20.2518,
3.8512

■ 7.6234, -12.6246,
0.8606

■ 69.7685, -21.9944,
4.4980

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.5461, -23.7038,
5.1768

0.0000, NaN, NaN

■ 93.9206, -25.3886,
5.8863

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.8645,

-27.0553, 6.6252

0.0000, NaN, NaN

120.3539,
-28.7089, 7.3924

■ 29.3657, -14.6763,
2.1208

■ 29.3657, -14.6763,
2.1208

■ 29.0727, -15.9272,
2.4747

■ 29.7299, -13.1670,
1.8457

■ 28.8456, -16.9240,
2.8993

■ 30.1659, -11.4004,
1.6536

■ 28.6788, -17.6835,
3.3847

■ 30.6757, -9.3849,
1.5483

■ 28.5448, -18.3057,
3.8384

■ 31.2598, -7.1328,
1.5311

■ 31.9177, -4.6605,
1.6022

■ 32.6482, -1.9866,
1.7598

■ 33.4498, 0.8690,
2.0013

■ 34.3202, 3.8858,
2.3230

■ 35.2572, 7.0438,
2.7206

Harmonies

Analogous

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



29.3663, -12.8397, 8.0287



29.3657, -14.6763, 2.1208



29.3663, -13.3053, -5.5758

Triad

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



29.3663, -14.6765, 2.1212



29.3663, 5.4919, -13.3735



29.3663, 6.5476, 11.0254

Complementary

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



29.3657, -14.6763, 2.1208



19.3456, 17.4272, 3.9827

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.



29.3663, 12.3613, 7.3226



29.3657, -14.6763, 2.1208



29.3663, 11.7099, -6.7240

Square

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



29.3663, -14.6765, 2.1212



29.3663, -2.1210, -15.7553



29.3663, 14.3383, 1.0660



29.3663, -1.0118, 12.2965

Rectangle

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



29.3657, -14.6763, 2.1208



29.3663, -10.6710, -10.5399



29.3663, 14.3383, 1.0660



29.3663, 8.7984, 10.0784

Sweetspot

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



29.3663, -14.6765, 2.1212



41.5463, -8.7098, 2.0369



28.9674, -17.8652, 14.1203



20.7172, -4.6871, 1.0147



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.3663, -14.6765, 2.1212



38.3174, -21.6979, 3.5128



24.9147, -6.4226, -8.8563



16.1662, -2.0827, 0.8206



34.3262, -22.0880, 4.7768



80.2481, -52.1641, 12.3040

Inverse Universe

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



19.3456, 17.4272, 3.9827



22.9374, 28.4752, 6.9642



22.2058, 9.3413, 9.3898



15.3447, 0.4559, 0.9226



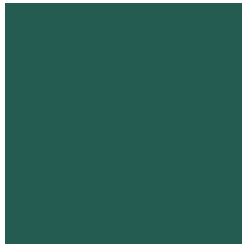
18.2996, 31.6456, 9.4455



42.6993, 73.5967, 23.9257

Previews

White Background



This preview shows how the HunterLab color 29.3657, -14.6763, 2.1208 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

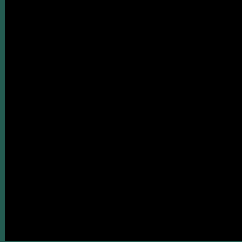
Any Text WCAG AA × Fail

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 29.3657, -14.6763, 2.1208 Background



This preview shows how black text looks on a background with the HunterLab color 29.3657, -14.6763, 2.1208.



This preview shows how white text looks on a background with the HunterLab color 29.3657,

-14.6763, 2.1208.

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

29.3657, -14.6763, 2.1208

Protanopia

29.2144, -1.2704, 4.1030

Deuteranopia

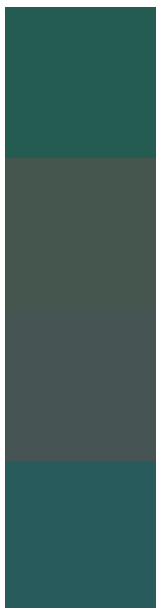
29.2422, 1.8431, 1.0451



Tritanopia

29.4409, -10.4830, -4.8176

Trichromacy



Original Color

29.3657, -14.6763, 2.1208

Protanomaly

29.0423, -7.2670, 3.0539

Deuteranomaly

28.7529, -5.2627, 0.7502

Tritanomaly

29.4765, -12.1947, -1.9585

Monochromacy



Original Color

29.3657, -14.6763, 2.1208

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.1686, -7.1689, 1.2934

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3657, -14.6763, 2.1208 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, 92, 81)` looks like.

```
.text, #text, p{  
    color:rgb(36, 92, 81)  
}
```

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, 92, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 92, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3657, -14.6763, 2.1208 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, 92, 81) }
```


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

```
.border{ border-color:rgb(36, 92, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 92, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 92, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 92, 81);  
box-shadow:4px 4px 4px 4px rgb(36, 92, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.3657, -14.6763, 2.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 92, 81) }
```

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

```
.background{ background-color: rgb(36, 92,  
81) }
```

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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