

Converting Colors

HunterLab(21.1925, -2.9422,
-2.6817)

Have a look what the booklet for
HunterLab(21.1925, -2.9422,
-2.6817) contains.

HunterLab(21.2788, -3.1514, -2.6310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.2788, -3.1514,
-2.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	313E45
RGB	49, 62, 69
RGB Percent	19%, 24%, 27%
CMY	0.8078, 0.7569, 0.7294
CMYK	0.29, 0.10, 0.00, 0.73
HSL	201°, 17%, 23%
HSV	201°, 29%, 27%
XYZ	4.0634, 4.5279, 6.2900
YIQ	58.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

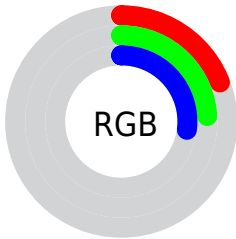
Format	Color
R_{YB}	49, 57, 69
Decimal	3227205
CIE Lab	25.35, -3.38, -6.03
CIE LCh	25, 6.912, 240.730
Yxy	4.5281, 0.2731, 0.3043
Android (android.graphics.Color)	4281417285 (0xFF313E45)
YUV	58.9110, 4.9739, -8.6919
Hunter-Lab	21.2788, -3.1514, -2.6310

Details

The HunterLab color **21.2788, -3.1514, -2.6310** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.7734, 1.6509, 4.5358**, and the grayscale version is **20.8686, -1.1135, 1.1338**.

A 20% lighter version of the original color is **38.3516, -4.2663, -2.4606**, and **7.7505, -2.3548, -2.7414** is the 20% darker color. If you saturate the color by 10%, you get **20.2796, -3.5606, -4.0271**, and if you desaturate by 10%, it is **22.3192, -2.6176, -1.2495**.

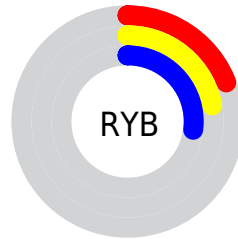
Distribution



Red (19%)

Green (24%)

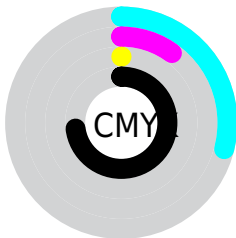
Blue (27%)



Red (19%)

Yellow (22%)

Blue (27%)

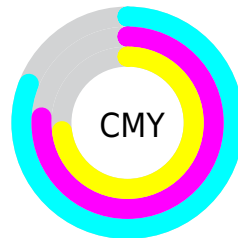


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (73%)



Cyan (81%)

Magenta (76%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2788, -3.1514, -2.6310 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 21.2788, -3.1514, -2.6310 by changing the saturation by 10% instead.

■ 21.2788, -3.1514,
-2.6310

■ 21.2788, -3.1514,
-2.6310

■ 120.4858,
-10.0741, 0.1786

■ 14.0468, -2.4942,
-2.6217

■ 38.4581, -4.5240,
-2.3992

■ 7.6927, -2.3252,
-2.8580

■ 48.2351, -5.2447,
-2.1815

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7237, -5.9897,
-1.9061

0.0000, NaN, NaN

■ 69.8786, -6.7589,
-1.5784

0.0000, NaN, NaN

■ 81.6620, -7.5524,
-1.2028

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0421, -8.3697,

-0.7829

0.0000, NaN, NaN

106.9914, -9.2104,
-0.3216

■ 21.2788, -3.1514,
-2.6310

■ 21.2788, -3.1514,
-2.6310

■ 20.2796, -3.5606,
-4.0271

■ 22.3192, -2.6176,
-1.2495

■ 19.3230, -3.8316,
-5.4361

■ 23.3969, -1.9704,
0.1148

■ 18.4124, -3.9521,
-6.8538

■ 24.5096, -1.2212,
1.4613

■ 17.5504, -3.9099,
-8.2747

■ 25.6551, -0.3803,
2.7901

■ 16.7394, -3.6948,
-9.6921

■ 26.8313, 0.5432,
4.1013

■ 15.9780, -3.3119,
-11.1049

■ 28.0360, 1.5411,
5.3958

■ 15.2264, -2.9061,
-12.5922

■ 29.2675, 2.6061,
6.6743

■ 15.1500, -2.8660,
-12.7492

■ 30.5242, 3.7319,
7.9380

■ 31.8045, 4.9127,
9.1878

Harmonies

Analogous

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



21.2792, -4.6283, -0.9864



21.2788, -3.1514, -2.6310



21.2792, -1.0830, -3.2373

Triad

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



21.2792, -3.1517, -2.6306



21.2792, 3.2288, 1.2091



21.2792, -3.2408, 4.3148

Complementary

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



21.2788, -3.1514, -2.6310



20.7734, 1.6509, 4.5358

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.



21.2792, -1.1900, 4.7791



21.2788, -3.1514, -2.6310



21.2792, 2.5960, 3.1007

Square

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



21.2792, -3.1517, -2.6306



21.2792, 2.6532, -0.8896



21.2792, 0.9565, 4.3575



21.2792, -4.6783, 3.0209

Rectangle

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



21.2788, -3.1514, -2.6310



21.2792, 0.3708, -2.9282



21.2792, 0.9565, 4.3575



21.2792, -2.6031, 4.5669

Sweetspot

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



21.2792, -3.1517, -2.6306



30.3485, -2.5943, 0.0833



22.7850, -7.7499, 4.2793



15.7357, -1.3865, -0.0282



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.2792, -3.1517, -2.6306



26.6823, -4.5055, -4.7611



18.8907, 0.8051, -6.0167



12.6677, -1.0520, 0.0874



21.5628, -3.4324, -19.5421



51.5503, -5.8156, -51.8792

Inverse Universe

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



19.5186, 6.2838, -1.7070



23.9128, 10.7341, -3.0966



23.1185, -2.3344, 6.7523



12.3606, 0.4988, 0.2015



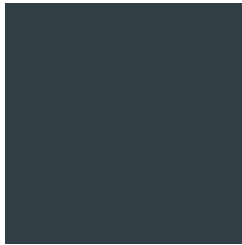
17.4804, 32.0955, -5.4474



42.9487, 78.4941, -10.5665

Previews

White Background



This preview shows how the HunterLab color 21.2788, -3.1514, -2.6310 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

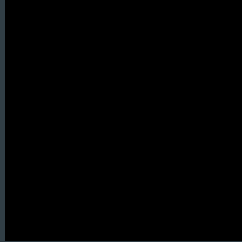
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

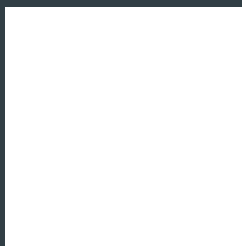
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 21.2788, -3.1514, -2.6310 Background



This preview shows how black text looks on a background with the HunterLab color 21.2788, -3.1514, -2.6310.



This preview shows how white text looks on a background with the HunterLab color 21.2788, -3.1514,

-2.6310.

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

21.2788, -3.1514, -2.6310

Protanopia

21.3700, -0.3727, -1.5713

Deuteranopia

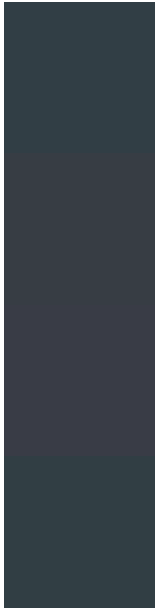
21.3594, 1.0125, -2.9049



Tritanopia

21.2214, -3.4722, -1.8203

Trichromacy



Original Color

21.2788, -3.1514, -2.6310

Protanomaly

21.3707, -1.5856, -2.0318

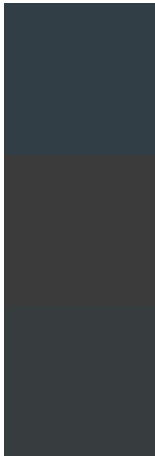
Deuteranomaly

21.3161, -0.3851, -2.9886

Tritanomaly

21.2499, -3.3129, -2.2227

Monochromacy



Original Color

21.2788, -3.1514, -2.6310

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9829, -1.9386, -0.3923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2788, -3.1514, -2.6310 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(49, 62, 69)` looks like.

```
.text, #text, p{  
    color:rgb(49, 62, 69)  
}
```

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(49, 62, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 62, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2788, -3.1514, -2.6310 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(49, 62, 69) }
```


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

```
.border{ border-color:rgb(49, 62, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 62, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 62, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 62, 69);  
box-shadow:4px 4px 4px 4px rgb(49, 62, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2788, -3.1514, -2.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 62, 69) }
```

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

```
.background{ background-color: rgb(49, 62,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor