

Converting Colors

HunterLab(32.1215, -13.5932,
5.6490)

Have a look what the booklet for
HunterLab(32.1215, -13.5932,
5.6490) contains.

HunterLab(32.0068, -13.5196, 5.4270)	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(32.0068,
-13.5196, 5.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6250
RGB	59, 98, 80
RGB Percent	23%, 38%, 31%
CMY	0.7686, 0.6157, 0.6863
CMYK	0.40, 0.00, 0.18, 0.62
HSL	152°, 25%, 31%
HSV	152°, 40%, 38%
XYZ	7.6193, 10.2444, 9.1652
YIQ	84.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

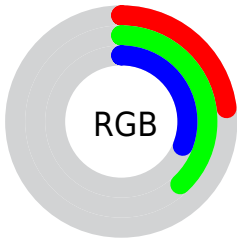
Format	Color
RYB	59, 84, 98
Decimal	3891792
CIELab	38.28, -18.37, 5.93
CIELCh	38, 19.299, 162.101
Yxy	10.2448, 0.2819, 0.3790
Android (android.graphics.Color)	4282081872 (0xFF3B6250)
YUV	84.2870, -2.1135, -22.1767
Hunter-Lab	32.0068, -13.5196, 5.4270

Details

The HunterLab color $32.0068, -13.5196, 5.4270$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $25.0214, 12.8621, -0.9950$, and the grayscale version is $29.8923, -1.5950, 1.6241$.

A 20% lighter version of the original color is $51.2523, -16.9218, 7.2592$, and $16.0193, -9.7565, 3.5227$ is the 20% darker color. If you saturate the color by 10%, you get $31.4774, -15.7838, 6.4197$, and if you desaturate by 10%, it is $32.6221, -10.9679, 4.4691$.

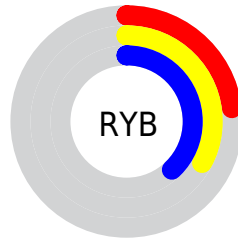
Distribution



Red (23%)

Green (38%)

Blue (31%)



Red (23%)

Yellow (33%)

Blue (38%)

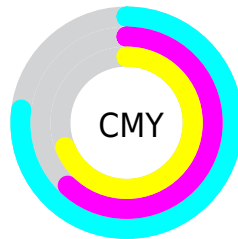


Cyan (40%)

Magenta (0%)

Yellow (18%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.0068, -13.5196, 5.4270 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 32.0068, -13.5196, 5.4270 by changing the saturation by 10% instead.

■ 32.0068, -13.5196,
5.4270

■ 32.0068, -13.5196,
5.4270

■ 138.7120,
-27.6485, 13.8045

■ 23.5829, -11.7340,
4.5637

■ 51.2395, -16.8547,
7.1756

■ 16.0635, -9.8096,
3.6937

■ 61.9278, -18.4505,
8.0695

■ 9.5750, -8.8755,
3.0913

■ 73.2706, -20.0171,
8.9797

0.0000, NaN, NaN

■ 85.2321, -21.5631,
9.9074

0.0000, NaN, NaN

■ 97.7818, -23.0950,
10.8535

0.0000, NaN, NaN

■ 110.8933,

0.0000, NaN, NaN

-24.6175, 11.8182

0.0000, NaN, NaN

124.5436,
-26.1344, 12.8018

■ 32.0068, -13.5196,
5.4270

■ 32.0068, -13.5196,
5.4270

■ 31.4774, -15.7838,
6.4197

■ 32.6221, -10.9679,
4.4691

■ 31.0311, -17.7446,
7.4354

■ 33.3212, -8.1473,
3.5542

■ 30.6663, -19.3947,
8.4625

■ 34.1036, -5.0814,
2.6901

■ 30.3795, -20.7347,
9.4882

■ 34.9675, -1.7957,
1.8830

■ 30.1654, -21.7754,
10.4992

■ 35.9105, 1.6837,
1.1369

■ 29.9880, -22.6588,
11.4557

■ 36.9296, 5.3313,
0.4545

■ 29.9844, -22.6766,
11.4743

■ 38.0218, 9.1225,
-0.1629

■ 39.1836, 13.0350,
-0.7153

■ 40.4116, 17.0484,
-1.2036

Harmonies

Analogous

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



32.0075, -10.2302, 9.8499



32.0068, -13.5196, 5.4270



32.0075, -13.8181, -1.0552

Triad

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



32.0075, -13.5200, 5.4274



32.0075, 1.1567, -13.4472



32.0075, 8.8840, 9.1826

Complementary

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



32.0068, -13.5196, 5.4270



25.0214, 12.8621, -0.9950

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.



32.0075, 12.5186, 4.3080



32.0068, -13.5196, 5.4270



32.0075, 7.8076, -9.2680

Square

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



32.0075, -13.5200, 5.4274



32.0075, -5.7359, -12.9661



32.0075, 12.1086, -2.4409



32.0075, 2.5262, 11.6761

Rectangle

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



32.0068, -13.5196, 5.4270



32.0075, -12.3165, -5.8229



32.0075, 12.1086, -2.4409



32.0075, 10.4883, 7.8184

Sweetspot

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



32.0075, -13.5200, 5.4274



44.8696, -7.7955, 3.8473



32.6155, -12.0126, 12.3652



21.8364, -3.9533, 1.9175



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.



32.0075, -13.5200, 5.4274



41.6925, -20.7920, 8.4498



32.1032, -10.2777, -1.7400



16.9606, -2.3740, 1.2963



34.5878, -26.2464, 13.4267



79.8313, -61.3598, 32.6760

Inverse Universe

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



25.0214, 12.8621, -0.9950



30.4961, 21.7747, -1.6668



24.8514, 10.0810, 5.6178



16.1476, 0.6630, 0.5312



19.2455, 34.2368, 2.5270



44.2860, 78.4145, 8.6680

Previews

White Background



This preview shows how the HunterLab color 32.0068, -13.5196, 5.4270 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 32.0068, -13.5196, 5.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

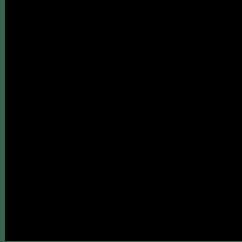
Any Text WCAG AA × Fail

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 32.0068, -13.5196, 5.4270 Background



This preview shows how black text looks on a background with the HunterLab color 32.0068, -13.5196, 5.4270.



This preview shows how white text looks on a background with the HunterLab color 32.0068,

-13.5196, 5.4270.

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

32.0068, -13.5196, 5.4270

Protanopia

32.0422, -2.1488, 7.0548

Deuteranopia

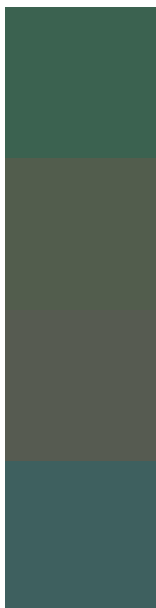
31.9254, 1.7085, 4.8773



Tritanopia

32.0214, -7.7924, -4.1644

Trichromacy



Original Color

32.0068, -13.5196, 5.4270

Protanomaly

31.8722, -6.8640, 6.4582

Deuteranomaly

31.7091, -4.4668, 4.9051

Tritanomaly

31.9626, -9.9448, -0.5618

Monochromacy



Original Color

32.0068, -13.5196, 5.4270

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.4387, -6.1464, 2.7081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.0068, -13.5196, 5.4270 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(59, 98, 80)` looks like.

```
.text, #text, p{  
    color:rgb(59, 98, 80)  
}
```

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(59, 98, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 98, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 32.0068, -13.5196, 5.4270 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(59, 98, 80) }
```


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

```
.border{ border-color:rgb(59, 98, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 98, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 98, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 98, 80);  
box-shadow:4px 4px 4px 4px rgb(59, 98, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.0068, -13.5196, 5.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 98, 80) }
```

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

```
.background{ background-color: rgb(59, 98,  
80) }
```

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