

Converting Colors

HunterLab(32.2913, -4.2522,
14.8735)

Have a look what the booklet for
HunterLab(32.2913, -4.2522,
14.8735) contains.

HunterLab(32.1560, -4.0942, 14.7840)	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(32.1560, -4.0942,
14.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	635B2F
RGB	99, 91, 47
RGB Percent	39%, 36%, 18%
CMY	0.6118, 0.6431, 0.8157
CMYK	0.00, 0.08, 0.53, 0.61
HSL	51°, 36%, 29%
HSV	51°, 53%, 39%
XYZ	9.3998, 10.3401, 4.1898
YIQ	88.3760, 18.8920, -11.9880

Conversions

Conversions Part 2

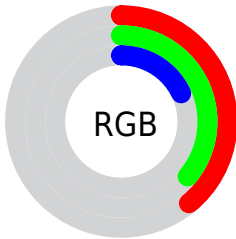
Format	Color
R_{YB}	56, 99, 47
Decimal	6511407
CIE Lab	38.45, -3.46, 26.35
CIE LCh	38, 26.578, 97.481
Yxy	10.3406, 0.3928, 0.4321
Android (android.graphics.Color)	4284701487 (0xFF635B2F)
YUV	88.3760, -20.3984, 9.3172
Hunter-Lab	32.1560, -4.0942, 14.7840

Details

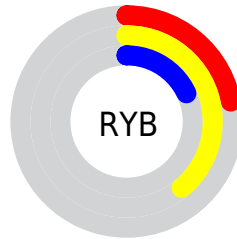
The HunterLab color **32.1560, -4.0942, 14.7840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20.5851, 5.5170, -21.2183**, and the grayscale version is **31.4455, -1.6779, 1.7085**.

A 20% lighter version of the original color is **51.4171, -5.5930, 19.3739**, and **16.3028, -2.8845, 9.9952** is the 20% darker color. If you saturate the color by 10%, you get **31.6415, -4.0726, 16.1307**, and if you desaturate by 10%, it is **32.6997, -3.9772, 13.0845**.

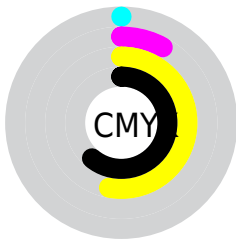
Distribution



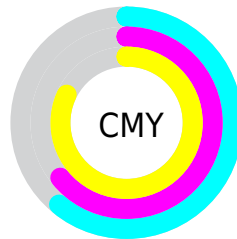
- Red (39%)
- Green (36%)
- Blue (18%)



- Red (22%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (8%)
- Yellow (53%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.1560, -4.0942, 14.7840 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 32.1560, -4.0942, 14.7840 by changing the saturation by 10% instead.

■ 32.1560, -4.0942,
14.7840

■ 32.1560, -4.0942,
14.7840

■ 138.9553,
-11.3306, 33.1321

■ 23.7178, -3.4080,
12.2774

■ 51.4141, -5.5376,
19.3314

■ 16.1822, -2.7394,
9.9306

■ 62.1138, -6.2945,
21.4504

■ 9.6749, -2.0914,
6.7724

■ 73.4673, -7.0754,
23.4992

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 85.4390, -7.8802,
25.4938

0.0000, NaN, NaN

■ 97.9984, -8.7085,
27.4463

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.1191, -9.5599,

124.7783,
-10.4341, 31.2591

■ 32.1560, -4.0942,
14.7840

■ 32.1560, -4.0942,
14.7840

■ 31.6415, -4.0726,
16.1307

■ 32.6997, -3.9772,
13.0845

■ 31.1532, -3.9130,
17.1312

■ 33.2708, -3.7163,
11.0288

■ 30.6910, -3.6228,
17.7997

■ 33.8701, -3.3123,
8.6185

■ 30.2525, -3.2152,
18.1686

■ 34.4976, -2.7661,
5.8582

■ 29.9305, -2.8880,
18.3925

■ 35.1532, -2.0798,
2.7553

■ 35.8364, -1.2563,
-0.6810

■ 36.5470, -0.2993,
-4.4398

■ 37.2843, 0.7869,
-8.5090

■ 38.0479, 1.9977,
-12.8758

Harmonies

Analogous

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



32.1567, 5.6938, 14.1498



32.1560, -4.0942, 14.7840



32.1567, -12.2369, 12.8344

Triad

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



32.1567, -4.0953, 14.7843



32.1567, -15.1442, -10.9334



32.1567, 17.2583, -5.7614

Complementary

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



32.1560, -4.0942, 14.7840



20.5851, 5.5170, -21.2183

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.



32.1567, 10.3563, -15.6210



32.1560, -4.0942, 14.7840



32.1567, -8.5130, -19.1687

Square

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



32.1567, -4.0953, 14.7843



32.1567, -18.1089, -0.6309



32.1567, 0.7315, -21.0985



32.1567, 18.8010, 3.9624

Rectangle

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



32.1560, -4.0942, 14.7840



32.1567, -15.9019, 9.8597



32.1567, 0.7315, -21.0985



32.1567, 15.4518, -9.2443

Sweetspot

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



32.1567, -4.0953, 14.7843



44.8559, -3.9263, 9.1488



22.2892, 15.9943, 4.1752



21.8158, -1.9609, 4.6949



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.



32.1567, -4.0953, 14.7843



41.2942, -5.3021, 21.4645



33.0270, -12.2590, 15.3083



17.0532, -1.2423, 2.3364



34.1062, -3.1896, 20.9602



78.1712, -6.2988, 48.0584

Inverse Universe

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



20.5851, 5.5170, -21.2183



23.1006, 10.8435, -37.5491



20.0879, 12.8735, -22.2374



16.0358, -0.4743, -0.6470



12.5824, 22.5292, -64.3610



27.5466, 57.6820, -158.9496

Previews

White Background



This preview shows how the HunterLab color 32.1560, -4.0942, 14.7840 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 32.1560, -4.0942, 14.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

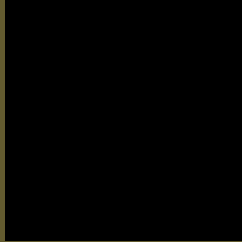
Any Text WCAG AA × Fail

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 32.1560, -4.0942, 14.7840 Background



This preview shows how black text looks on a background with the HunterLab color 32.1560, -4.0942, 14.7840.



This preview shows how white text looks on a background with the HunterLab color 32.1560, -4.0942, 14.7840.

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

32.1560, -4.0942, 14.7840

Protanopia

32.2440, -3.7820, 14.8573

Deuteranopia

32.0133, 2.0591, 14.5836



Tritanopia

32.1395, 4.2775, 0.7748

Trichromacy



Original Color

32.1560, -4.0942, 14.7840

Protanomaly

32.2440, -3.7820, 14.8573

Deuteranomaly

32.1227, -0.1650, 14.6297

Tritanomaly

32.1341, 0.8341, 7.1998

Monochromacy



Original Color

32.1560, -4.0942, 14.7840

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.4660, -2.9405, 7.4607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.1560, -4.0942, 14.7840 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(99, 91, 47)` looks like.

```
.text, #text, p{  
    color:rgb(99, 91, 47)  
}
```

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(99, 91, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 91, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 32.1560, -4.0942, 14.7840 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(99, 91, 47) }
```


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

```
.border{ border-color:rgb(99, 91, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 91, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 91, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 91, 47);  
box-shadow:4px 4px 4px 4px rgb(99, 91, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.1560, -4.0942, 14.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 91, 47) }
```

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

```
.background{ background-color: rgb(99, 91,  
47) }
```

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