

Converting Colors

HunterLab(17.6320, -4.1033,
9.1445)

Have a look what the booklet for
HunterLab(17.6320, -4.1033, 9.1445)
contains.

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Color

**HunterLab(17.6320, -4.1033,
9.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	333310
RGB	51, 51, 16
RGB Percent	20%, 20%, 6%
CMY	0.8000, 0.8000, 0.9373
CMYK	0.00, 0.00, 0.69, 0.80
HSL	60°, 52%, 13%
HSV	60°, 69%, 20%
XYZ	2.6426, 3.1089, 0.9510
YIQ	47.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

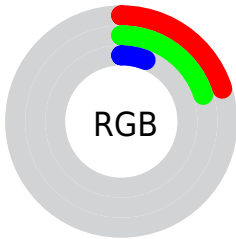
Format	Color
RYB	16, 51, 16
Decimal	3355408
CIELab	20.48, -5.75, 21.70
CIElCh	20, 22.447, 104.835
Yxy	3.1090, 0.3943, 0.4638
Android (android.graphics.Color)	4281545488 (0xFF333310)
YUV	47.0100, -15.2879, 3.4992
Hunter-Lab	17.6320, -4.1033, 9.1445

Details

The HunterLab color **17.6320, -4.1033, 9.1445** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.4843, 6.1203, -16.5531**, and the grayscale version is **16.9101, -0.9023, 0.9188**.

A 20% lighter version of the original color is **33.9533, -5.6060, 13.3587**, and **2.5520, -2.1883, 1.5342** is the 20% darker color. If you saturate the color by 10%, you get **17.5941, -4.3207, 9.7089**, and if you desaturate by 10%, it is **17.6809, -3.8302, 8.4322**.

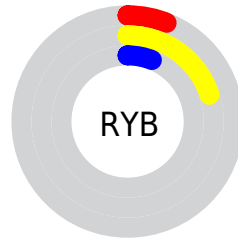
Distribution



Red (20%)

Green (20%)

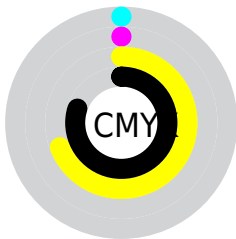
Blue (6%)



Red (6%)

Yellow (20%)

Blue (6%)

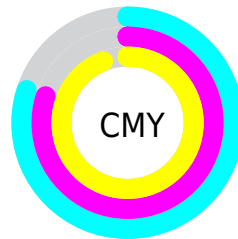


Cyan (0%)

Magenta (0%)

Yellow (69%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6320, -4.1033, 9.1445 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 17.6320, -4.1033, 9.1445 by changing the saturation by 10% instead.

■ 17.6320, -4.1033,
9.1445

■ 17.6320, -4.1033,
9.1445

■ 113.8470,
-12.1253, 26.0264

■ 10.9037, -3.2389,
7.6326

■ 33.9704, -5.8009,
13.4857

■ 2.2939, -4.0143,
1.6057

■ 43.3814, -6.6576,
15.4462

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.5297, -7.5269,
17.3209

0.0000, NaN, NaN

■ 64.3652, -8.4116,
19.1333

0.0000, NaN, NaN

■ 75.8468, -9.3130,
20.8997

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.9400, -10.2321,

■ 100.6153,
-11.1694, 24.3386

■ 17.6320, -4.1033,
9.1445

■ 17.6320, -4.1033,
9.1445

■ 17.5941, -4.3207,
9.7089

■ 17.6809, -3.8302,
8.4322

■ 17.5622, -4.5019,
10.1806

■ 17.7401, -3.4967,
7.5643

■ 17.5303, -4.6831,
10.6521

■ 17.8105, -3.1015,
6.5354

■ 17.5259, -4.7081,
10.7170

■ 17.8927, -2.6427,
5.3412

■ 17.9868, -2.1194,
3.9789

■ 18.0933, -1.5309,
2.4468

■ 18.2124, -0.8772,
0.7447

■ 18.3442, -0.1584,
-1.1269

■ 18.4889, 0.6248,
-3.1661

Harmonies

Analogous

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



17.6324, 2.5369, 9.1368



17.6320, -4.1033, 9.1445



17.6324, -9.0969, 7.6001

Triad

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



17.6324, -4.1039, 9.1446



17.6324, -9.1392, -9.9782



17.6324, 13.2076, -2.5358

Complementary

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



17.6320, -4.1033, 9.1445



8.4843, 6.1203, -16.5531

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.



17.6324, 9.0322, -10.0562



17.6320, -4.1033, 9.1445



17.6324, -4.1701, -15.3227

Square

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



17.6324, -4.1039, 9.1446



17.6324, -11.6970, -2.4548



17.6324, 2.4602, -15.3556



17.6324, 13.2323, 3.8040

Rectangle

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



17.6320, -4.1033, 9.1445



17.6324, -11.1047, 5.3959



17.6324, 2.4602, -15.3556



17.6324, 12.2183, -5.0497

Sweetspot

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



17.6324, -4.1039, 9.1446



23.1335, -2.9748, 5.7616



10.5446, 9.3797, 3.9051



12.2125, -1.5815, 3.0703



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.6324, -4.1039, 9.1446



22.6419, -5.7349, 12.9462



16.5435, -8.2262, 8.2930



9.9578, -0.8286, 1.3106



30.5327, -8.2023, 18.6705



80.1303, -21.5265, 48.9991

Inverse Universe

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



8.4843, 6.1203, -16.5531



8.5787, 11.4883, -30.4565



9.7021, 9.2615, -13.0001



9.2992, -0.1778, -0.3188



8.5177, 23.1038, -60.5189



22.3536, 60.6338, -158.8291

Previews

White Background



This preview shows how the HunterLab color 17.6320, -4.1033, 9.1445 looks on a white background.

Color Contrast Check

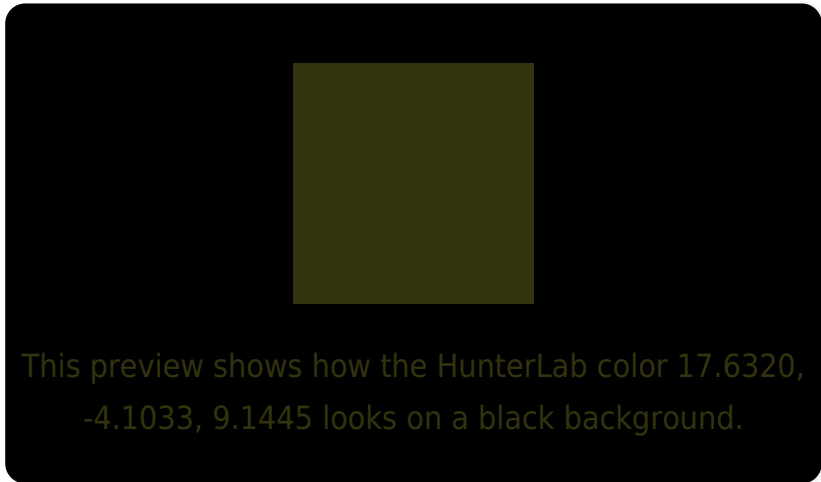
Large Text (above 18pt) WCAG AA ✓ Pass

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

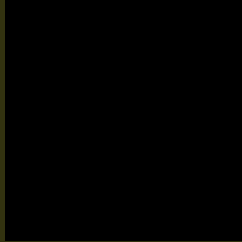
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

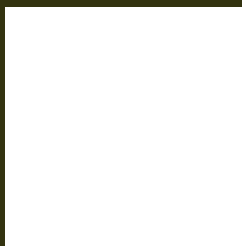
Any Text WCAG AAA × Fail

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

HunterLab 17.6320, -4.1033, 9.1445 Background



This preview shows how black text looks on a background with the HunterLab color 17.6320, -4.1033, 9.1445.

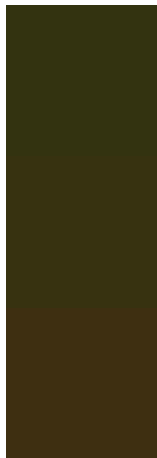


This preview shows how white text looks on a background with the HunterLab color 17.6320, -4.1033, 9.1445.

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

17.6320, -4.1033, 9.1445

Protanopia

17.6942, -2.6206, 9.2146

Deuteranopia

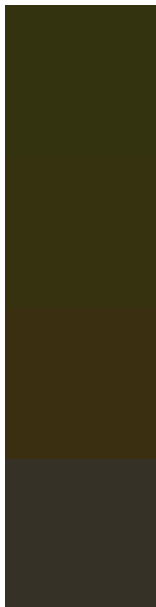
17.6001, 0.6836, 9.0706



Tritanopia

17.7121, 1.0092, 0.4478

Trichromacy



Original Color

17.6320, -4.1033, 9.1445

Protanomaly

17.6150, -2.9042, 9.1534

Deuteranomaly

17.4755, -0.9293, 8.9528

Tritanomaly

17.5882, -1.1816, 4.6356

Monochromacy



Original Color

17.6320, -4.1033, 9.1445

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.9401, -2.3084, 4.5563

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6320, -4.1033, 9.1445 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(51, 51, 16)` looks like.

```
.text, #text, p{  
    color:rgb(51, 51, 16)  
}
```

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(51, 51, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 51, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6320, -4.1033, 9.1445 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(51, 51, 16) }
```


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

```
.border{ border-color:rgb(51, 51, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 51, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 51, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 51, 16);  
box-shadow:4px 4px 4px 4px rgb(51, 51, 16)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6320, -4.1033, 9.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 51, 16) }
```

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

```
.background{ background-color: rgb(51, 51,  
16) }
```

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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