

Converting Colors

HunterLab(33.3640, -4.2929,
14.9179)

Have a look what the booklet for
HunterLab(33.3640, -4.2929,
14.9179) contains.

HunterLab(33.2704, -4.1442, 14.8472)	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(33.2704, -4.1442,
14.8472)**

Conversions

Conversions Part 1

Format	Color
Hex	665E33
RGB	102, 94, 51
RGB Percent	40%, 37%, 20%
CMY	0.6000, 0.6314, 0.8000
CMYK	0.00, 0.08, 0.50, 0.60
HSL	51°, 33%, 30%
HSV	51°, 50%, 40%
XYZ	10.0797, 11.0692, 4.7372
YIQ	91.4900, 18.5710, -11.6770

Conversions

Conversions Part 2

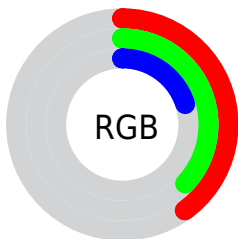
Format	Color
RYB	60, 102, 51
Decimal	6708787
CIELab	39.70, -3.41, 25.69
CIElCh	40, 25.911, 97.552
Yxy	11.0697, 0.3894, 0.4276
Android (android.graphics.Color)	4284898867 (0xFF665E33)
YUV	91.4900, -19.9616, 9.2173
Hunter-Lab	33.2704, -4.1442, 14.8472

Details

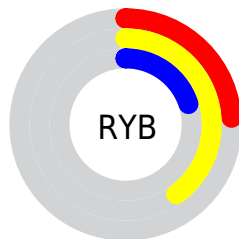
The HunterLab color **33.2704, -4.1442, 14.8472** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21.8880, 5.1418, -20.4730**, and the grayscale version is **32.5929, -1.7391, 1.7708**.

A 20% lighter version of the original color is **52.6293, -5.5996, 19.3142**, and **17.0562, -2.5789, 9.9657** is the 20% darker color. If you saturate the color by 10%, you get **32.7229, -4.1428, 16.3231**, and if you desaturate by 10%, it is **33.8485, -4.0009, 13.0042**.

Distribution



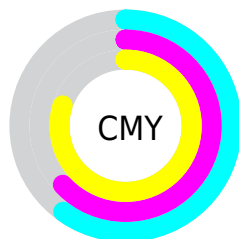
- Red (40%)
- Green (37%)
- Blue (20%)



- Red (24%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (60%)



- Cyan (60%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2704, -4.1442, 14.8472 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 33.2704, -4.1442, 14.8472 by changing the saturation by 10% instead.

■ 33.2704, -4.1442,
14.8472

■ 33.2704, -4.1442,
14.8472

140.7640,
-11.3826, 32.7853

■ 24.7260, -3.4592,
12.4212

■ 52.7153, -5.5870,
19.2676

■ 17.0715, -2.7927,
9.9408

■ 63.4989, -6.3439,
21.3345

■ 10.4268, -2.1390,
7.2988

■ 74.9316, -7.1251,
23.3364

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.9783, -7.9302,
25.2885

0.0000, NaN, NaN

■ 99.6093, -8.7589,
27.2018

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.7986, -9.6108,

126.5236,
-10.4855, 30.9442

■ 33.2704, -4.1442,
14.8472

■ 33.2704, -4.1442,
14.8472

■ 32.7229, -4.1428,
16.3231

■ 33.8485, -4.0009,
13.0042

■ 32.2030, -3.9968,
17.4371

■ 34.4552, -3.7080,
10.7917

■ 31.7105, -3.7131,
18.2022

■ 35.0912, -3.2665,
8.2126

■ 31.2441, -3.3008,
18.6388

■ 35.7566, -2.6780,
5.2726

■ 30.7917, -2.8268,
18.9241

■ 36.4511, -1.9449,
1.9801

■ 30.7916, -2.8268,
18.9242

■ 37.1743, -1.0704,
-1.6546

■ 37.9257, -0.0587,
-5.6198

■ 38.7048, 1.0857,
-9.9025

■ 39.5109, 2.3578,
-14.4891

Harmonies

Analogous

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



33.2712, 5.4934, 14.2060



33.2704, -4.1442, 14.8472



33.2712, -12.2000, 12.8567

Triad

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



33.2712, -4.1454, 14.8475



33.2712, -15.0626, -10.6241



33.2712, 16.8563, -5.5353

Complementary

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



33.2704, -4.1442, 14.8472



21.8880, 5.1418, -20.4730

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.



33.2712, 10.1115, -15.1318



33.2704, -4.1442, 14.8472



33.2712, -8.4723, -18.5986

Square

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



33.2712, -4.1454, 14.8475



33.2712, -18.0262, -0.5561



33.2712, 0.6594, -20.4460



33.2712, 18.3493, 4.0161

Rectangle

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



33.2704, -4.1442, 14.8472



33.2712, -15.8387, 9.8541



33.2712, 0.6594, -20.4460



33.2712, 15.0942, -8.9329

Sweetspot

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



33.2712, -4.1454, 14.8475



46.8693, -3.9938, 9.1559



23.4808, 15.6632, 4.1224



22.7020, -1.9938, 4.7211



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.2712, -4.1454, 14.8475



43.2138, -5.4664, 21.9047



34.1658, -12.2719, 15.4027



17.8848, -1.3008, 2.4632



34.8315, -3.0996, 21.4088



78.8877, -6.0030, 48.5051

Inverse Universe

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



21.8880, 5.1418, -20.4730



25.0608, 10.2501, -36.5349



21.3448, 12.5390, -21.5448



16.8126, -0.4981, -0.6938



12.9014, 23.0298, -65.8404



27.9485, 58.1145, -160.3857

Previews

White Background



This preview shows how the HunterLab color 33.2704, -4.1442, 14.8472 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 33.2704, -4.1442, 14.8472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

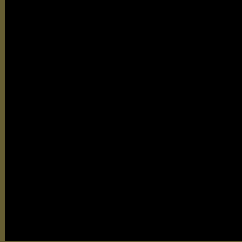
Any Text WCAG AA × Fail

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 33.2704, -4.1442, 14.8472 Background



This preview shows how black text looks on a background with the HunterLab color 33.2704, -4.1442, 14.8472.



This preview shows how white text looks on a background with the HunterLab color 33.2704, -4.1442, 14.8472.

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

33.2704, -4.1442, 14.8472

Protanopia

33.3586, -3.8314, 14.9218

Deuteranopia

33.1211, 2.0299, 14.6289



Tritanopia

33.2467, 4.2460, 0.8259

Trichromacy



Original Color

33.2704, -4.1442, 14.8472

Protanomaly

33.3586, -3.8314, 14.9218

Deuteranomaly

33.2342, -0.1998, 14.6793

Tritanomaly

33.2635, 0.8966, 6.9849

Monochromacy



Original Color

33.2704, -4.1442, 14.8472

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.5714, -3.0142, 7.5713

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2704, -4.1442, 14.8472 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(102, 94, 51)` looks like.

```
.text, #text, p{  
    color:rgb(102, 94, 51)  
}
```

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(102, 94, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 94, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2704, -4.1442, 14.8472 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(102, 94, 51) }
```


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

```
.border{ border-color:rgb(102, 94, 51) }
```

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

Here you see how a box with a 4 pixel rgb(102, 94, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 94, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 94, 51);  
box-shadow:4px 4px 4px 4px rgb(102, 94,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2704, -4.1442, 14.8472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 94, 51) }
```

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

```
.background{ background-color: rgb(102, 94,  
51) }
```

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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