

Converting Colors

HunterLab(33.5433, -25.6389,
23.4803)

Have a look what the booklet for
HunterLab(33.5433, -25.6389,
23.4803) contains.

| | |
|--|----|
| HunterLab(33.6593, -24.2484, 20.3162) | 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(33.6593,
-24.2484, 20.3162)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2F6C00 |
| RGB | 47, 108, 0 |
| RGB Percent | 18%, 42%, 0% |
| CMY | 0.8157, 0.5765, 1.0000 |
| CMYK | 0.56, 0.00, 1.00, 0.58 |
| HSL | 94°, 100%, 21% |
| HSV | 94°, 100%, 42% |
| XYZ | 6.5349, 11.3295, 1.8424 |
| YIQ | 77.4490, -1.6880, -46.5200 |

Conversions

Conversions Part 2

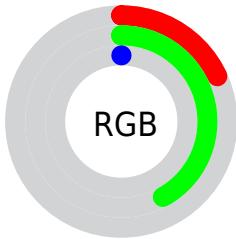
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 108, 61 |
| Decimal | 3107840 |
| CIELab | 40.13, -37.11, 45.43 |
| CIELCh | 40, 58.657, 129.241 |
| Yxy | 11.3300, 0.3316, 0.5749 |
| Android (android.graphics.Color) | 4281297920 (0xFF2F6C00) |
| YUV | 77.4490, -38.1824, -26.7038 |
| Hunter-Lab | 33.6593, -24.2484, 20.3162 |

Details

The HunterLab color **33.6593, -24.2484, 20.3162** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **14.4057, 32.1839, -48.9540**, and the grayscale version is **27.5377, -1.4693, 1.4962**.

A 20% lighter version of the original color is **53.1263, -30.0498, 27.5924**, and **17.6860, -15.1657, 10.6325** is the 20% darker color. If you saturate the color by 10%, you get **33.6599, -24.2496, 20.3165**, and if you desaturate by 10%, it is **33.9248, -23.0864, 19.9571**.

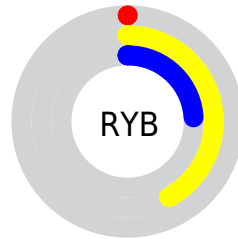
Distribution



Red (18%)

Green (42%)

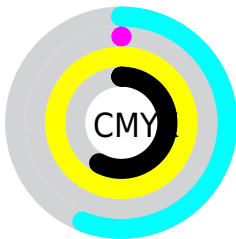
Blue (0%)



Red (0%)

Yellow (42%)

Blue (24%)

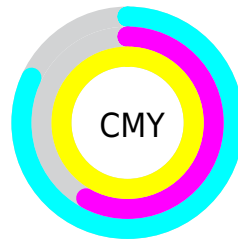


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (82%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6593, -24.2484, 20.3162 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 33.6593, -24.2484, 20.3162 by changing the saturation by 10% instead.

■ 33.6593, -24.2484,
20.3162

■ 33.6593, -24.2484,
20.3162

■ 141.3922,
-47.4981, 48.7039

■ 25.0783, -20.9906,
16.4771

■ 53.1684, -30.1100,
27.6211

■ 17.3832, -17.3851,
12.1682

■ 63.9809, -32.8202,
30.9757

■ 10.6916, -16.0361,
7.4841

■ 75.4408, -35.4273,
34.1797

■ 1.2031, -2.1055,
0.8422

■ 87.5135, -37.9523,
37.2598

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1691,
-40.4110, 40.2372


0.0000, NaN, NaN


■ 113.3821,


0.0000, NaN, NaN


-42.8156, 43.1284


0.0000, NaN, NaN


 127.1298,
-45.1755, 45.9470


 33.6593, -24.2484,
20.3162


 33.6593, -24.2484,
20.3162


 33.6599, -24.2496,
20.3165

 33.9248, -23.0864,
19.9571

 34.2316, -21.7381,
19.4323

 34.5923, -20.1376,
18.5710

 35.0092, -18.2802,
17.3481

 35.4835, -16.1670,
15.7488

■ 36.0161, -13.8035,
13.7667

■ 36.6071, -11.1987,
11.4025

■ 37.2563, -8.3644,
8.6623

■ 37.9629, -5.3146,
5.5573

Harmonies

Analogous

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



33.6600, -8.2118, 22.1710



33.6593, -24.2484, 20.3162



33.6600, -32.4973, 13.0434

Triad

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



33.6600, -24.2490, 20.3163



33.6600, -15.2906, -60.0100



33.6600, 49.7914, 7.5799

Complementary

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



33.6593, -24.2484, 20.3162



14.4057, 32.1839, -48.9540

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.



33.6600, 46.5116, -15.3959



33.6593, -24.2484, 20.3162



33.6600, 5.1355, -65.1495

Square

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



33.6600, -24.2490, 20.3163



33.6600, -28.3044, -33.9704



33.6600, 28.7127, -45.3817



33.6600, 36.7893, 18.4683

Rectangle

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



33.6593, -24.2484, 20.3162



33.6600, -34.0751, 2.3512



33.6600, 28.7127, -45.3817



33.6600, 50.6158, 1.3048

Sweetspot

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



33.6600, -24.2490, 20.3163



48.4363, -15.1325, 15.3836



25.2149, 10.8751, 15.7273



23.7039, -7.9979, 8.0793



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.6600, -24.2490, 20.3163



44.5223, -32.4456, 26.8664



32.7681, -27.9693, 19.4210



18.7168, -2.4530, 2.5653



36.7390, -26.5725, 22.1732



82.6319, -61.2264, 49.8455

Inverse Universe

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



14.4057, 32.1839, -48.9540



18.9013, 42.4253, -65.7416



20.3954, 39.6884, -23.7371



17.6112, 0.5664, -0.7020



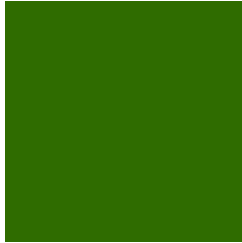
15.6800, 35.0884, -53.7110



34.6514, 78.3312, -124.8133

Previews

White Background



This preview shows how the HunterLab color 33.6593, -24.2484, 20.3162 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 33.6593, -24.2484, 20.3162 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 33.6593, -24.2484, 20.3162 Background



This preview shows how black text looks on a background with the HunterLab color 33.6593, -24.2484, 20.3162.



This preview shows how white text looks on a background with the HunterLab color 33.6593,

-24.2484, 20.3162.

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

33.6593, -24.2484, 20.3162

Protanopia

33.5389, -5.2794, 20.5741

Deuteranopia

33.3536, 2.2395, 19.2422



Tritanopia

33.5467, -9.1483, -4.5634

Trichromacy



Original Color

33.6593, -24.2484, 20.3162

Protanomaly

33.2350, -13.5645, 20.2418

Deuteranomaly

32.7484, -9.4731, 19.2614

Tritanomaly

33.1663, -17.0747, 10.0731

Monochromacy



Original Color

33.6593, -24.2484, 20.3162

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.9127, -11.7590, 11.6514

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6593, -24.2484, 20.3162 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(47, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(47, 108, 0)  
}
```

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(47, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 108, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6593, -24.2484, 20.3162 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(47, 108, 0) }
```


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

```
.border{ border-color:rgb(47, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(47, 108, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.6593, -24.2484, 20.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 108, 0) }
```

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

```
.background{ background-color: rgb(47, 108,  
0) }
```

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